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NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
1,5-(Butylimino)-1,5 dideoxy,D-glucitol TN=	Treatment of Fabry's disease.	Oxford GlycoSciences 10, The Quadrant Abington Science Park, Abington Oxfordshire OX14 3YS UK, DD=05/12/1998 MA= / /
1,5-(Butylimino)-1,5 dideoxy,D-glucitol TN=	Treatment of Gaucher disease.	Oxford GlycoSciences 10, The Quadrant Abington Science Park, Abington Oxfordshire OX14 3YS UK, DD=05/29/1998 MA= / /
111Indium pentetreotide TN= SomatoTher	Treatment of somatostatin receptor positive neuroendocrine tumors.	Louisiana State University Medical Center Foundation 1600 Canal St. 10th Floor New Orleans, LA 70112 DD=06/10/1999 MA= //
15AU81 TN=	Treatment of pulmonary arterial hypertension.	United Therapeutics Corp. 68 T.W. Alexander Dr. P.O. Box 14186 Research Triangle Park, NC 27709 DD=06/04/1997 MA= / /
166Ho-DOTMP TN=	Treatment of multiple myeloma.	NeoRx Corporation 410 W. Harrison Seattle, WA 98119 DD=02/10/1999 MA= / /
2'-deoxycytidine TN=	As a host-protective agent in the treatment of acute myelogenous leukemia.	Grant, Steven M.D.  Massey Cancer Center, VCU P.O. Box 980230 Richmond, VA 23298 DD=09/09/1996 MA= / /
2-0-desulfated heparin TN= Aeropin	Treatment of cystic fibrosis.	Kennedy & Hoidal, M.D.'s University of Utah Health Sciences Center 50 North Medical Drive, Room 4R240 Salt Lake City, UT 84132 DD=09/17/1993 MA= / /
24,25 dihydroxycholecalciferol TN=	Treatment of uremic osteodystrophy.	Lemmon Company 1510 Delp Drive Kulpsville, PA 19443 DD=02/27/1987 MA= / /
3,4-diaminopyridine TN=	Treatment of Lambert-Eaton myasthenic syndrome.	Jacobus Pharmaceutical Company 37 Cleveland Avenue P.O. Box 5290 Princeton, NJ 08540 DD=12/18/1990 MA= //

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3-(3,5-dimethyl-1H-2ylmethyle ne)-1,3-dihydro-indol-2-one TN=	Treatment of Kaposi's sarcoma.	Sugen, Inc. 230 East Grand Ave. South San Francisco, CA 94080 DD=09/11/1998 MA= / /
4-aminosalicylic acid TN= Pamisyl (P-D), Rezipas (Squibb)	Treatment of mild to moderate ulcerative colitis in patients intolerant to sulfasalazine.	Beeken, Warren M.D. University Of Vermont Given C-317 Burlington, VT 05405 DD=12/13/1989 MA= / /
40SD02 TN=	Treatment of chronic iron overload resulting from conventional transfusional treatment of beta-thalassemia major and sickle cell anemia.	Biomedical Frontiers, Inc. 1095 10th Ave., S.E. Minneapolis, MN 55414 DD=12/21/1998 MA= / /
5,6-dihydro-5-azacytidine TN=	Treatment of malignant mesothelioma.	ILEX Oncology, Inc. 11550 IH 10 West, Suite 300 San Antonio, TX 78230 DD=05/11/1992 MA= / /
5-aza-2'-deoxycytidine TN=	Treatment of acute leukemia.	Pharmachemie U.S.A., Inc. 1510 Delp Dr. Kulpsville, PA 19443 DD=08/03/1987 MA= / /
506U78 TN=	Treatment of chronic lymphocytic leukemia.	Glaxo Wellcome, Inc. Five Moore Dr. P.O. Box 13398 Durham, NC 27709 DD=09/02/1999 MA= / /
5a8, monoclonal antibody to CD4 TN=	For use in post-exposure prophylaxis for occupational exposure to human immunodeficiency virus.	Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142 DD=12/20/1993 MA= / /
6-hydroxymethylacylfulvene TN=	Treatment of histologically confirmed advanced or metastatic pancreatic cancer.	MGI Pharma, Inc. 6300 West Old Shakoppe Rd. Suite 110 Bloomington, MN 55438 DD=04/06/1999 MA= / /
6-hydroxymethylacylfulvene TN=	Treatment of ovarian cancer.	MGI Pharma, Inc. 6300 West Old Shakoppe Rd. Suite 110 Bloomington, MN 55438 DD=07/06/1999 MA= / /
6-hydroxymethylacylfulvene TN=	Treatment of renal cell carcinoma.	MGI Pharma, Inc. 6300 West Old Shakoppe Rd. Suite 110 Bloomington, MN 55438 DD=07/27/1999 MA= / /

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8 Cyclopentyl	Treatment of cystic fibrosis.	SciClone Pharmaceuticals, Inc.
1,3-dipropylxanthine		901 Mariner's Island Boulevard
TN=		San Mateo, CA 94404
	•	DD=03/24/1997 MA= / /
8-methoxsalen	For use in conjunction with the UVAR photopheresis to treat	Therakos, Inc.
TN= Uvadex	diffuse systemic sclerosis.	Oaklands Corporate Center
		437 Creamery Way
		Exton, PA 19341
		DD=06/22/1993 MA= / /
8-methoxsalen	For the prevention of acute rejection of cardiac allografts.	Therakos, Inc.
TN= Uvadex		Oaklands Corporate Center
		437 Creamery Way
		Exton, PA 19341
		DD=05/12/1994 MA= / /
9-cis retinoic acid	Treatment of acute promyelocytic leukemia.	Ligand Pharmaceuticals, Inc.
TN= Panretin		9393 Towne Centre Drive
		Suite 100
		San Diego, CA 92121
		DD=04/10/1992 MA= / /
9-nitro-20-(S)-camptothecin	Treatment of pancreatic cancer.	Stehlin Foundation for Cancer Research
TN=		1315 St. Joseph Parkway, Suite 1818
		Houston, TX 77002
		DD=09/16/1996 MA= / /
AP1903	Treatment of acute graft-versus-host disease in patients	Ariad Gene Therapeutics, Inc.
TN=	undergoing bone marrow transplantation.	26 Landsdowne St.
		Cambridge, MA 02139
		DD=11/24/1999 MA= / /
APL 400-020 V-Beta DNA	Treatment of cutaneous T cell lymphoma.	Wyeth-Lederle Vaccines and Pediatrics
vaccine		211 Bailey Rd.
TN=		West Henrietta, NY 14586
		DD=03/08/1995 MA= / /
Acetylcysteine	Intravenous treatment of patients presenting with moderate to	Apothecon
TN= Mucomyst/Mucomyst 10	severe acetaminophen overdose.	P.O. Box 4500
IV		Princeton, NJ 08543
		DD=08/13/1987 MA= / /
Aconiazide	Treatment of tuberculosis.	Lincoln Diagnostics
TN=		P.O. Box 1128
		Decatur, IL 62525
•		DD=06/20/1988 MA= / /
Adeno-associated viral-based	Treatment of cystic fibrosis.	Targeted Genetics Corporation
vector cystic fibrosis gene		1100 Olive Way, Suite 100
therapy		Seattle, WA 98101
TN=		DD=02/15/1995 MA= / /

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Adenovirus-based vector Factor VIII complementary DNA to somatic cells	Treatment of hemophilia A.	GenStar Therapeutics Corporation 10835 Altman Row Suite 150
TN= MiniAdFVIII		San Diego, CA 92121 DD=12/15/1999 MA= / /
Albendazole TN= Albenza	Treatment of hydatid disease (cystic echinococcosis due to E. granulosus larvae or alveolar echinococcosis due to E. multilocularis larvae).	SmithKline Beecham Pharmaceuticals One Franklin Plaza P.O. Box 7929 Philadelphia, PA 19101 DD=01/17/1996 MA=06/11/1996
Albendazole TN= Albenza	Treatment of neurocysticercosis due to Taenia solium as: 1) chemotherapy of parenchymal, subarachnoidal and racemose (cysts in spinal fluid) neurocysticercosis in symptomatic cases and 2) prophylaxis of epilepsy and other sequelae in asymptomatic neurocysticercosis.	SmithKline Beecham Pharmaceuticals One Franklin Plaza P.O. Box 7929 Philadelphia, PA 19101 DD=01/18/1996 MA=06/11/1996
Aldesleukin TN= Proleukin	Treatment of primary immunodeficiency disease associated with T-cell defects.	Chiron Corporation 4560 Horton Street Emeryville, CA 94608 DD=03/22/1989 MA= / /
Aldesleukin TN= Proleukin	Treatment of metastatic renal cell carcinoma.	Chiron Corporation 4560 Horton Street Emeryville, CA 94608 DD=09/14/1988 MA=05/05/1992
Aldesleukin TN= Proleukin	Treatment of metastatic melanoma.	Chiron Corporation 4560 Horton Street Emeryville, CA 94608 DD=09/10/1996 MA=01/09/1998
Aldesleukin TN= Proleukin	Treatment of acute myelogenous leukemia.	Chiron Corporation 4560 Horton St. Emeryville, CA 94608 DD=07/31/1998 MA= / /
Aldesleukin TN= Proleukin	For the treatment non-Hodgkin's lymphoma.	Chiron Corporation 4560 Horton St. Emeryville, CA 94608 DD=11/24/1998 MA= / /
Alglucerase injection TN= Ceredase	For replacement therapy in patients with Gaucher's disease type I.	Genzyme Corporation One Kendall Square Cambridge, MA 02139 DD=03/11/1985 MA=04/05/1991
Alglucerase injection TN= Ceredase	Replacement therapy in patients with Type II and III Gaucher's disease.	Genzyme Corporation One Kendall Square Cambridge, MA 02139 DD=07/21/1995 MA= / /

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Alitretinoin	Topical treatment of cutaneous lesions in patients with	Ligand Pharmaceuticals Inc.
TN= Panretin	AIDS-related Kaposi's sarcoma.	10275 Science Center Drive
		San Diego, CA 92121
		DD=03/24/1998 MA=02/02/1999
Allogeneic peripheral blood	Treatment of pancreatic cancer.	Applied Immunotherapeutics, LLC
mononuclear cells sensitized		14132 E. Firestone Boulevard
against patient alloantigens by		Santa Fe Springs, CA 90670
nixed lymphocyte culture		DD=06/13/1997 MA= / /
ΓN= CYTOIMPLANT		
Allopurinol sodium	Management of patients with leukemia, lymphoma, and solid	Catalytica Pharmaceuticals, Inc
TN= Zyloprim for Injection	tumor malignancies who are receiving cancer therapy which	PO Box 1887
	causes elevations of serum and urinary uric acid levels and who	Greenville, NC 27835
	cannot tolerate oral therapy.	DD=10/16/1992 MA=05/17/1996
Alpha-1-antitrypsin	As supplementation therapy for alpha-1-antitrypsin deficiency in	Chiron Corporation
(recombinant DNA Origin)	the ZZ phenotype population.	4560 Horton Street
TN=		Emeryville, CA 94608
		DD=01/01/1984 MA= / /
Alpha-galactosidase A	Treatment of Fabry's disease.	Desnick, Robert J. M.D.
TN= Fabrase		The Mount Sinai School Of Medicine
		Fifth Avenue at 100th Street, Box 1203
		New York, NY 10029
		DD=07/20/1990 MA= / /
Alpha-galactosidase A	Treatment of alpha-galactosidase A deficiency (Fabry's disease).	Orphan Medical, Inc.
TN= CC-galactosidase		13911 Ridgedale Drive
		Suite 475
		Minnetonka, MN 55305
		DD=06/17/1991 MA= / /
Alpha-galactosidase A	Long-term enzyme replacement therapy for the treatment of	Transkaryotic Therapies Inc.
TN=	Fabry disease.	195 Albany St.
		Cambridge, MA 02139
		DD=06/22/1998 MA= / /
Alpha-melanocyte stimulating	Prevention and treatment of intrinsic acute renal failure due to	Star, Robert A., M.D.
hormone	ischemia.	UT-Southwestern Medical School
TN=		5323 Harry Hines
		Dallas, TX 75235
		DD=08/19/1997 MA= / /
Alpha1-proteinase inhibitor	For replacement therapy in the alpha-1-proteinase inhibitor	Bayer Corporation
(human)	congenital deficiency state.	Pharmaceutical Division, Biological
TN= Prolastin		Products
		400 Morgan Lane
		New Haven, CT 06516
		DD=12/07/1984 MA=12/02/1987

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Alpha1-proteinase inhibitor (human) TN=	For slowing the progression of emphysema in alpha1-antitrypsin deficient patients.	Centeon LLC 1020 First Ave. King of Prussia, PA 19406 DD=11/24/1999 MA= //
Alprostadil TN=	Treatment of severe peripheral arterial occlusive disease (critical limb ischemia) in patients where other procedures, grafts or angioplasty, are not indicated.	Schwarz Pharma, Inc. P.O. Box 2038 Milwaukee, WI 53201 DD=10/20/1993 MA= / /
Alronidase TN= Aldurazyme	Treatment of patients with mucopolysaccharidosis-I.	BioMarin Pharmaceutical, Inc. 11 Pimental Court Novato, CA 94949 DD=09/24/1997 MA= / /
Altretamine TN= Hexalen	Treatment of advanced adenocarcinoma of the ovary.	U.S. Bioscience, Inc. One Tower Bridge 100 Front Street West Conshohocken, PA 19428 DD=02/09/1984 MA=12/26/1990
Amifostine TN= Ethyol	For use as a chemoprotective agent for cisplatin in the treatment of advanced ovarian carcinoma.	U.S. Bioscience, Inc. One Tower Bridge 100 Front Street West Conshohocken, PA 19428 DD=05/30/1990 MA=12/08/1995
Amifostine TN= Ethyol	For use as a chemoprotective agent for cyclophosphamide in the treatment of advanced ovarian carcinoma.	U.S. Bioscience, Inc. One Tower Bridge 100 Front Street West Conshohocken, PA 19428 DD=05/30/1990 MA= / /
Amifostine TN= Ethyol	For use as a chemoprotective agent for cisplatin in the treatment of metastatic melanoma.	U.S. Bioscience, Inc. One Tower Bridge 100 Front Street West Conshohocken, PA 19428 DD=05/30/1990 MA= / /
Amifostine TN= Ethyol	Reduction of the incidence of moderate to severe xerostomia in patients undergoing post-operative radiation treatment for head and neck cancer.	U.S. Bioscience, Inc. One Tower Bridge 100 Front Street, Suite 400 Conshohocken, PA 19428 DD=05/12/1998 MA=06/24/1999
Amifostine TN= Ethyol	For the reduction of the incidence and severity of toxicities associated with cisplatin administration.	U.S. Bioscience, Inc. One Tower Bridge 100 Front St., Suite #400 West Conshohocken, PA 19428 DD=11/24/1998 MA= / /

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NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Amifostine TN= Ethyol	Treatment of myelodysplastic syndromes.	US Bioscience, Inc. One Tower Bridge 100 Front St., Suite 400 West Conshohocken, PA 19428 DD=10/04/1999 MA= / /
Aminocaproic acid TN= Caprogel	For the topical treatment of traumatic hyphema of the eye.	Orphan Medical, Inc. 13911 Ridgedale Drive Suite 475 Minnetonka, MN 55305 DD=01/06/1995 MA= / /
Aminosalicylic acid TN= Paser Granules	Treatment of tuberculosis infections.	Jacobus Pharmaceutical Company 37 Cleveland Lane P.O. Box 5290 Princeton, NJ 08540 DD=02/19/1992 MA=06/30/1994
Aminosidine TN= Gabbromicina	Treatment of tuberculosis.	Kanyok, Thomas P. Pharm.D. University Of Illinois At Chicago College of Pharmacy 833 South Wood Street (m/c886) Rm. 176 Chicago, IL 60612 DD=05/14/1993 MA= //
Aminosidine TN= Gabbromicina	Treatment of Mycobacterium avium complex.	Kanyok, Thomas P. Pharm.D. University of Illinois at Chicago College of Pharmacy 833 South Wood Street (m/c886) Rm. 176 Chicago, IL 60612 DD=11/15/1993 MA= / /
Aminosidine TN= Paromomycin	Treatment of visceral leishmaniasis (kala-azar).	Kanyok, Thomas P. Pharm.D. University of Illinois at Chicago College of Pharmacy 833 South Wood Street (m/c886) Rm. 176 Chicago, IL 60612 DD=09/09/1994 MA= / /
Amiodarone TN= Amio-Aqueous	Treatment of incessant ventricular tachycardia.	Wyeth-Ayerst Research PO Box 8299 Philadelphia, PA 19101 DD=08/17/1993 MA= / /
Amiodarone HCl TN= Cordarone	For the acute treatment and prophylaxis of life-threatening ventricular tachycardia or ventricular fibrillation.	Wyeth-Ayerst Laboratories P.O. Box 8299 Philadelphia, PA 19101 DD=03/16/1994 MA=08/03/1995
Ammonium tetrathiomolybdate TN=	Treatment of Wilson's disease.	Brewer, George J. M.D. University Of Michigan Medical School 4708 Medical Science Building II 0618 Ann Arbor, MI 48109 DD=01/31/1994 MA= //

Through December 31, 1999 NAME SPONSOR & ADDRESS Generic Name DD=Date Designated INDICATION DESIGNATED TN=Trade Name MA=Marketing Approval Amphotericin B lipid complex Treatment of invasive fungal infections. Liposome Company, Inc. TN= Abelcet One Research Way Princeton, NJ 08540 DD=12/03/1996 MA=10/18/1996 Anagrelide Treatment of polycythemia vera. Roberts Pharmaceutical Corp. TN= Agrylin Meridian Center II 4 Industrial Way West Eatontown, NJ 07724 DD=06/11/1985 MA= / / Anagrelide Treatment of thrombocytosis in chronic myelogenous leukemia. Roberts Pharmaceutical Corp. TN= Agrylin Meridian Center II 4 Industrial Way West Eatontown, NJ 07724 DD=07/14/1986 MA= / / Anagrelide Treatment of essential thrombocythemia. Roberts Pharmaceutical Corp. TN= Agrylin Meridian Center III 6 Industrial Way West Eatontown, NJ 07724 DD=01/27/1988 MA=03/14/1997 Ananain, comosain For the enzymatic debridement of severe burns. Genzyme Corporation TN= Vianain One Kendall Square Cambridge, MA 02139 DD=01/21/1992 MA= / / Ancestim For use in combination with filgrastim to decrease the number Amgen, Inc. TN= Stemgen of phereses required to collect peripheral blood progenitor cells 1840 Dehavilland Drive capable of providing rapid multi-lineage hematopoietic Thousand Oaks, CA 91320 reconstitution following myelosuppressive or myeloablative DD=07/05/1995 MA= / / therapy. Ancrod To establish and maintain anticoagulation in heparin-intolerant Knoll Pharmaceutical Company TN= patients undergoing cardiopulmonary bypass. 3000 Continental Dr., North Mt. Olive, NJ 07828 DD=11/12/1997 MA= / / Anti-thymocyte serum Treatment of allograft rejection, including solid organ (kidney, Applied Medical Research TN= Nashville Rabbit liver, heart, lung, and pancreas) and bone marrow 1600 Hayes Street Anti-thymocyte Serum transplantation. Nashville, TN 37203 DD=06/02/1993 MA= / / Antiepilepsirine Treatment of drug resistant generalized tonic-clonic epilepsy in Children's Hospital TN= children and adults. 700 Children's Drive Columbus, OH 43205 DD=03/23/1989 MA= / / Antihemophilic factor (human) Treatment of von Willebrand's disease. Alpha Therapeutic Corporation TN= Alphanate 5555 Valley Boulevard Los Angeles, CA 90032 DD=01/05/1996 MA= / /

Through December 31, 1999 NAME SPONSOR & ADDRESS Generic Name DD=Date Designated INDICATION DESIGNATED TN=Trade Name MA=Marketing Approval Antihemophilic factor Prophylaxis and treatment of bleeding in individuals with **Bayer Corporation** (recombinant) hemophilia A or for prophylaxis when surgery is required in 1884 Miles Avenue TN= Kogenate individuals with hemophilia A. Elkhart, IN 46515 DD=09/25/1989 MA=02/25/1993 Antihemophilic factor/von Treatment and prevention of bleeding in hemophilia A (classical Centeon Pharma GmbH Willebrand factor complex hemophilia) in adult patients; and treatment of spontaneous and Emil-von-Behring-Strasse 76 (human), dried, pasteurized trauma-induced bleeding episodes in severe von Willebrand 35041 Marburg TN= Humate-P disease, and in mild and moderate von Willebrand disease where Germany, DE use of desmopressin is known or suspected to be inadequate in DD=10/16/1992 MA=04/01/1999 adult and pediatric patients. Antithrombin III (human) For replacement therapy in congenital deficiency of AT-III for **Bayer Corporation** TN= Thrombate III prevention and treatment of thrombosis and pulmonary emboli. Pharmaceutical Division, Biological Products 400 Morgan Lane New Haven, CT 06516 DD=11/26/1984 MA=12/30/1991 Antithrombin III (human) For prophylaxis and treatment of thromboembolic episodes in Centeon Pharma GmbH concentrate IV patients with genetic AT-III deficiency. Postfach 11 40 TN= Kybernin P D-35001 Marburg Germany, DE DD=07/02/1985 MA= / / Antithrombin III human For the treatment of patients with hereditary antithrombin III Kabivitrum, Inc. TN= ATnativ deficiency in connection with surgical or obstetrical procedures P.O. Box 430 or when they suffer from thromboembolism. Danville, CA 94526 DD=02/08/1985 MA=12/13/1989 Antithrombin III human Preventing or arresting episodes of thrombosis in patients with American National Red Cross TN= Antithrombin III human congenital AT-III deficiency and/or to prevent the occurrence of 9312 Old Georgetown Road thrombosis in patients with AT-III deficiency who have Bethesda, MD 20814 undergone trauma or who are about to undergo surgery or DD=01/02/1986 MA= / / parturition. Antivenin, polyvalent crotalid Treatment of envenomations inflicted by North American Therapeutic Antibodies Inc. (ovine) Fab crotalid snakes. 1500 21st Avenue South, Suite 310 TN= CroTAb Nashville, TN 37212 DD=01/12/1994 MA= / / Antivenom (crotalidae) purified Treatment of envenomation by poisonous snakes belonging to Ophidian Pharmaceuticals, Inc. (avian) the Crotalidae family. 5445 East Cheryl Parkway TN= Madison, WI 53711 DD=02/12/1991 MA= / / Apomorphine Treatment of the on-off fluctuations associated with late-stage Pentech Pharmaceuticals, Inc. TN= Parkinson's disease. 1110 Lake Cook Rd. Suite 257 Buffalo Grove, IL 60089 DD=07/17/1995 MA= / /

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Apomorphine	For use as rescue treatment for early morning motor dysfunction	Scherer DDS
TN= Zydis	in late-stage Parkinson's disease.	Frankland Road
·		Swindon SN5 8RU
		Wiltshire UK,
		DD=10/20/1997 MA= / /
Apomorphine HCl	Treatment of the on-off fluctuations associated with late-stage	Mylan Pharmaceuticals, Inc.
TN=	Parkinson's disease.	781 Chestnut Ridge Rd.
		PO Box 4310
		Morgantown, WV 26505
		DD=04/22/1993 MA= / /
Aprotinin	For prophylactic use to reduce perioperative blood loss and the	Bayer Corporation
TN= Trasylol	homologous blood transfusion requirement in patients	Pharmaceutical Division
	undergoing cardiopulmonary bypass surgery in the course of	400 Morgan Lane
	repeat coronary artery bypass graft surgery, and in selected cases	West Haven, CT 06516
	of primary coronary artery bypass graft surgery where the risk of bleeding is especially high (impaired hemostasis) or where transfusion is unavailable or unacceptable.	DD=11/17/1993 MA=12/29/1993
Arcitumomab	Diagnosis and localization of primary, residual, recurrent and	Immunomedics, Inc.
TN= 99m Tc-labeled CEA-Scan	metastatic medullary thyroid carcinoma.	300 American Road
		Morris Plains, NJ 07950
		DD=05/10/1996 MA= / /
Arginine butyrate	Treatment of beta-hemoglobinopathies and beta-thalassemia.	Perrine, Susan P., M.D.
TN=		Boston University
		Cancer Research Center
		Boston, MA 02118
		DD=04/07/1992 MA= / /
Arsenic trioxide	Treatment of acute promyelocytic leukemia.	PolaRx, Inc.
TN=		787 7th Ave., 48th Floor
		New York, NY 10019
		DD=03/03/1998 MA= / /
Artesunate	Treatment of malaria.	World Health Organisation
TN=		Special Programme for Research and
		Training in Tropical Diseases
		Via Appia, Geneva 27
		Switzerland, CH
·		DD=07/19/1999 MA= / /
Atovaquone	Treatment of AIDS associated Pneumocystis Carinii Pneumonia.	Glaxo Wellcome Inc.
TN= Mepron		5 Moore Drive
		Research Triangle Park, NC 27709
		DD=09/10/1990 MA=11/25/1992
Atovaquone	Prevention of Pneumocystis carinii pneumonia (PCP) in	Glaxo Wellcome Research and Development
TN= Mepron	high-risk, HIV-infected patients defined by a history of one or	5 Moore Drive
	more episodes of PCP and/or a peripheral CD4+ (T4	PO Box 13398
	helper/inducer) lymphocyte count less than or equal to	Research Triangle Park, NC 27709
	200/mm3.	DD=08/14/1991 MA=01/05/1999

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Atovaquone	Treatment and suppression of Toxoplasma gondii encephalitis.	Glaxo Wellcome Inc.
TN= Mepron		5 Moore Drive
		PO Box 13398
		Research Triangle Park, NC 27709 DD=03/16/1993 MA= / /
Atovaquone	Primary prophylaxis of HIV-infected persons at high risk for	Glaxo Wellcome Inc.
TN= Mepron	developing Toxoplasma gondii encephalitis.	5 Moore Drive
		PO Box 13398
		Research Triangle Park, NC 27709
		DD=03/16/1993 MA= / /
Autologous DNP-conjugated	For adjuvant therapy in melanoma patients with surgically	Avax Technologies, Inc.
tumor vaccine	resectable lymph node metastasis (Stage III and limited Stage IV	4520 Main St.
TN= M-Vax	disease).	Suite 930
		Kansas City, MO 64111
		DD=02/23/1999 MA= / /
Autolymphocyte therapy	Treatment of renal cell carcinoma.	Cytogen Corporation
TN=		600 College Road East
		CN 5308
		Princeton, NJ 08540
		DD=07/12/1994 MA= / /
Azathioprine	Treatment of oral manifestations of graft-versus-host disease.	Oral Solutions, Inc.
TN= Imuran		787 Seventh Ave., 48th Floor
		New York, NY 10019
		DD=09/14/1999 MA= / /
B2036-PEG	Treatment of acromegaly.	Sensus Corporation
TN= Trovert		Suite 430,
		98 San Jacinto Boulevard
		Austin, TX 78701
		DD=06/24/1997 MA= / /
Bacitracin	Treatment of antibiotic-associated pseudomembranous	A. L. Laboratories, Inc.
TN= Altracin	enterocolitis caused by toxins A and B elaborated by	One Executive Drive
•	Clostridium difficile.	P.O. Box 1399
		Fort Lee, NJ 07024
		DD=03/13/1984 MA= / /
Baclofen	Treatment of intractable spasticity caused by spinal cord injury,	Medtronic, Inc.
TN= Lioresal Intrathecal	multiple sclerosis, and other spinal diseases (including spinal	800 53rd Avenue N.E.
	ischemia, spinal tumor, transverse myelitis, cervical spondylosis,	Minneapolis, MN 55432
	and degenerative myelopathy).	DD=11/10/1987 MA=06/25/1992
Baclofen	Treatment of intractable spasticity due to multiple sclerosis or	Infusaid, Inc.
TN=	spinal cord injury.	1400 Providence Highway
		Norwood, MA 02062
		DD=12/16/1991 MA= / /

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Baclofen TN= Lioresal Intrathecal	Treatment of spasticity associated with cerebral palsy.	Medtronic, Inc. 800 53rd Avenue N.E. P.O. 1250 Minneapolis, MN 55440 DD=09/26/1994 MA= / /
Basiliximab TN= Simulect	Prophylaxis of solid organ rejection.	Novartis Pharmaceuticals Corporation 59 Route 10 East Hanover, NJ 07936 DD=12/12/1997 MA=05/12/1998
Beclomethasone dipropionate TN=	For oral administration in the treatment of intestinal graft-versus-host disease.	George B. McDonald, M.D. Fred Hutchinson Cancer Research Center 1100 Fairview Avenue North (SC-113); PO Box 19024 Seattle, WA 98109 DD=03/27/1998 MA= / /
Benzoate and phenylacetate TN= Ucephan	For adjunctive therapy in the prevention and treatment of hyperammonemia in patients with urea cycle enzymopathy due to carbamylphosphate synthetase, ornithine, transcarbamylase, or argininosuccinate synthetase deficiency.	B. Braun Medical Inc. 2525 McGaw Avenue P.O. Box 19791 Irvine, CA 92623 DD=01/21/1986 MA=12/23/1987
Benzydamine hydrochloride TN= Tantum	Prophylactic treatment of oral mucositis resulting from radiation therapy for head and neck cancer.	Angelini Pharmaceuticals, Inc. 70 Grand Avenue River Edge, NJ 07661 DD=05/18/1998 MA= / /
Benzylpenicillin, benzylpenicilloic, benzylpenilloic acid TN= Pre-Pen/MDM	Assessing the risk of administrating penicillin when it is the preferred drug of choice in adult patients who have previously received penicillin and have a history of clinical sensitivity.	Hollister-Stier Laboratories LLC PO Box 3145 Spokane, WA 99220 DD=09/29/1987 MA= / /
Beractant TN= Survanta intratracheal suspension	Treatment of neonatal respiratory distress syndrome.	Ross Laboratories 625 Cleveland Avenue Columbus, OH 43215 DD=02/05/1986 MA=07/01/1991
Beractant TN= Survanta intratracheal suspension	Prevention of neonatal respiratory distress syndrome.	Ross Laboratories 625 Cleveland Avenue Columbus, OH 43215 DD=02/05/1986 MA=07/01/1991
Beractant TN= Survanta Intratracheal Suspension	Treatment of full-term newborn infants with respiratory failure caused by meconium aspiration syndrome, persistent pulmonary hypertension of the newborn, or pneumonia and sepsis.	Ross Laboratories 625 Cleveland Avenue Columbus, OH 43215 DD=12/20/1993 MA= / /
Beraprost TN=	Treatment of pulmonary arterial hypertension associated with any New York Heart Association classification (Class I, II, III, or IV).	United Therapeutics Corporation 68 T.W. Alexander Drive, PO Box 14186 Research Triangle Park, NC 27709 DD=04/29/1999 MA= //

LIST OF ORPHAN PRODUCTS DESIGNATIONS AND APPROVALS Through December 31, 1999 **NAME** SPONSOR & ADDRESS Generic Name DD=Date Designated TN=Trade Name INDICATION DESIGNATED MA=Marketing Approval Beta alethine Treatment of multiple myeloma. Dovetail Technologies, Inc. TN= Betathine Bldg. 337, Paint Branch Drive College Park, MD 20742 DD=03/24/1997 MA= / / Beta alethine Treatment of metastatic melanoma. Dovetail Technologies, Inc. TN= Betathine Bldg. 337, Paint Branch Drive College Park, MD 20742 DD=03/24/1997 MA= / / Betaine Treatment of homocystinuria. Orphan Medical, Inc. TN= Cystadane 13911 Ridgedale Drive Suite 475 Minnetonka, MN 55305 DD=05/16/1994 MA=10/25/1996 Bexarotene Treatment of cutaneous manifestations of cutaneous T-cell Ligand Pharmaceuticals, Inc. TN= Targretin lymphoma in patients who are refractory to at least one prior 10275 Science Center Dr. systemic therapy. San Diego, CA 92121 DD=06/18/1999 MA=12/29/1999 Bindarit Treatment of lupus nephritis. Angelini Pharmaceuticals, Inc. TN= 70 Grand Avenue River Edge, NJ 07661 DD=02/03/1998 MA= / / Bispecific antibody 520c9x22 For in vivo serotherapy of patients with ovarian cancer. Medarex, Inc. TN=1545 Route 22 East PO Box 953 Annandale, NJ 08801 DD=10/05/1993 MA= / / Bleomycin Treatment of pancreatic cancer. Genetronics, Inc. TN= Blenoxane 11199 Sorrento Valley Rd. San Diego, CA 92121 DD=02/09/1999 MA= / / Bleomycin sulfate Treatment of malignant pleural effusion. Bristol-Myers Squibb Pharmaceutical TN= Blenoxane Research Institute P.O. Box 4000 Princeton, NJ 08543 DD=09/17/1993 MA=02/20/1996 Botulinum toxin type A Treatment of blepharospasm associated with dystonia in adults Allergan, Inc. TN= Botox (patients 12 years of age and above). 2525 Dupont Drive P.O. Box 19534 Irvine, CA 92713

Botulinum toxin type A TN= Botox

Treatment of strabismus associated with dystonia in adults (patients 12 years of age and above).

Allergan, Inc. 2525 Dupont Drive P.O. Box 19534 Irvine, CA 92713

DD=03/22/1984 MA=12/29/1989

DD=03/22/1984 MA=12/29/1989

NAME Generic Name TN=Trade Name	Inrough December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Botulinum toxin type A TN= Botox	Treatment of cervical dystonia.	Allergan, Inc. 2525 Dupont Drive P.O. Box 19534 , 92623 DD=08/20/1986 MA= / /
Botulinum toxin type A TN= Dysport	Treatment of essential blepharospasm.	Porton International, Inc. 1155 15th Street, N.W., #315 Washington, DC 20005 DD=03/23/1989 MA= //
Botulinum toxin type A TN= Botox	Treatment of dynamic muscle contracture in pediatric cerebral palsy patients.	Allergan, Inc. 2525 Dupont Drive P.O. Box 19534 Irvine, CA 92713 DD=12/06/1991 MA= / /
Botulinum toxin type A TN=	Treatment of synkinetic closure of the eyelid associated with VII cranial nerve aberrant regeneration.	Associated Synapse Biologics 68 Harrison Avenue Boston, MA 02111 DD=09/15/1992 MA= / /
Botulinum toxin type A TN= Dysport	Treatment of spasmodic torticollis (cervical dystonia).	Ipsen Limited 1 Bath Road Maidenhead, Berkshire U.K. SL6 4UH, GB DD=08/12/1998 MA= / /
Botulinum toxin type A TN= Dysport	Treatment of dynamic muscle contractures in pediatric cerebral palsy patients.	Ipsen Limited 1 Bath Rd., Maidenhead Berkshire SL6 4UH England, GB DD=10/20/1999 MA= / /
Botulinum toxin type B TN= NeuroBloc	Treatment of cervical dystonia.	Elan Pharmaceuticals, Inc. 800 Gateway Blvd. South San Francisco, CA 94080 DD=01/16/1992 MA= / /
Botulinum toxin type F TN= Dysport	Treatment of essential blepharospasm.	Porton International, Inc. 1155 15th Street, N.W., #315 Washington, DC 20005 DD=12/05/1991 MA= / /
Botulinum toxin type F TN=	Treatment of spasmodic torticollis (cervical dystonia).	Porton International, Inc. 1155 15th Street, N.W., #315 Washington, DC 20005 DD=10/24/1991 MA= //
Botulism immune globulin TN=	Treatment of infant botulism.	California Department of Health Services 2151 Berkeley Way Berkeley, CA 94704 DD=01/31/1989 MA= //

Through December 31, 1999		•
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Bovine colostrum TN=	Treatment of AIDS-related diarrhea.	Hastings, Donald DVM 1030 North Parkview Drive Bismarck, ND 58501 DD=11/19/1990 MA= //
Bovine immunoglobulin concentrate, Cryptosporidium parvum TN= Sporidin-G	Treatment and symptomatic relief of Cryptosporidium parvum infection of the gastrointestinal tract in immunocompromised patients.	GalaGen, Inc. 4001 Lexington Avenue North Arden Hills, MN 55126 DD=03/01/1994 MA= / /
Bovine whey protein concentrate TN= Immuno-C	Treatment of cryptosporidiosis caused by the presence of Cryptosporidium parvum in the gastrointestinal tract of patients who are immunodeficient/immunocompromised or immunocompetent.	Biomune Systems, Inc. 540 Arapeen Drive, Suite 202 Salt Lake City, UT 84108 DD=09/30/1993 MA= //
Branched chain amino acids TN=	Treatment of amyotrophic lateral sclerosis.	Mount Sinai Medical Center One Gustave L. Levy Place New York, NY 10029 DD=12/23/1988 MA= / /
Bromhexine TN= Bisolvon	Treatment of mild to moderate keratoconjunctivitis sicca in patients with Sjogren's syndrome.	Boehringer Ingelheim Pharmaceuticals, Inc. 900 Ridgebury Road, Box 368 Ridgefield, CT 06877 DD=05/15/1989 MA= //
Broxuridine TN= Broxine/Neomark	Radiation sensitizer in the treatment of primary brain tumors.	NeoPharm, Inc. 225 East Deerpath, Suite 250 Lake Forest, IL 60045 DD=09/18/1995 MA= / /
Buffered intrathecal electrolyte/dextrose injection TN= Elliotts B Solution	For use as a diluent in the intrathecal administration of methotrexate and cytarabine for the prevention or treatment meningeal leukemia and lymphocytic lymphoma.	Orphan Medical, Inc. 13911 Ridgedale Drive Suite 475 Minnetonka, MN 55305 DD=08/24/1994 MA=09/27/1996
Buprenorphine hydrochloride TN= Subutex	Treatment of opiate addiction in opiate users.	Reckitt & Colman Pharmaceuticals, Inc. 1901 Huguenot Road Richmond, VA 23235 DD=06/15/1994 MA= / /
Buprenorphine in combination with naloxone TN= Suboxone	Treatment of opiate addiction in opiate users.	Reckitt & Colman Pharmaceuticals, Inc. 1901 Huguenot Road Richmond, VA 23235 DD=10/27/1994 MA= //
Busulfan TN= Spartaject	For use as preparative therapy for malignancies treated with bone marrow transplantation.	Sparta Pharmaceuticals, Inc. 111 Rock Road Horsham, PA 19044 DD=04/21/1994 MA= / /

NAME Generic Name TN=Trade Name	Through December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Busulfan TN= Busulfex	As preparative therapy in the treatment of malignancies with bone marrow transplantation.	Orphan Medical, Inc. 13911 Ridgedale Drive Suite 250 Minnetonka, MN 55305 DD=07/28/1994 MA=02/04/1999
Busulfan TN= Spartaject	Treatment of primary brain malignancies.	Sparta Pharmaceuticals, Inc. 111 Rock Road Horsham, PA 19044 DD=07/07/1997 MA= / /
Butyrylcholinesterase TN=	For the reduction and clearance of toxic blood levels of cocaine encountered during a drug overdose.	Shire Laboratories Inc. 1550 East Gude Drive Rockville, MD 20850 DD=03/25/1992 MA= / /
Butyrylcholinesterase TN=	Treatment of post-surgical apnea.	Shire Laboratories Inc. 1550 East Gude Drive Rockville, MD 20850 DD=09/30/1992 MA= / /
C1 esterase inhibitor (human) TN=	Treatment and prevention of angioedema caused by C1-esterase inhibitor deficiency.	Alpha Therapeutic Corporation 5555 Valley Boulevard Los Angeles, CA 90032 DD=08/21/1996 MA= //
C1-esterase-inhibitor, human, pasteurized TN= Berinert P	Prevention and/or treatment of acute attacks of hereditary angioedema.	Behringwerke Aktiengesellschaft (AG) Postfach 11 40 D-35001 Marburg Germany, DD=10/16/1992 MA= / /
C1-inhibitor TN= C1-inhibitor (human) vapor heated, Immuno	Treatment of acute attacks of angioedema.	Baxter Healthcare Corp. Hyland Division (Baxter Hyland) 550 North Brand Blvd. Glendale, CA 91203 DD=08/30/1990 MA= / /
C1-inhibitor TN= C1-inhibitor (human) vapor heated, Immuno	Prevention of acute attacks of angioedema, including short-term prophylaxis for patients requiring dental or other surgical procedures.	Baxter Healthcare Corp. Hyland Division (Baxter Hyland) 550 North Brand Blvd. Glendale, CA 91203 DD=08/30/1990 MA= / /
CAMPATH-1H TN=	Treatment of chronic lymphocytic leukemia.	L&I Partners, LP 11550 IH 10 West, Suite 300 San Antonio, TX 78230 DD=10/20/1997 MA= //
CDP571 TN=	Treatment of Crohn's disease.	Celltech Therapeutics, Ltd. 216 Bath Road Slough SL1 4EN Berkshire UK, DD=12/11/1997 MA= / /

Through December 31, 1999			
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval	
CT-2584 mesylate	Treatment of adult soft tissue sarcoma.	Cell Therapeutics, Inc.	
TN=		201 Elliott Ave. West	
		Suite 400	
		Seattle, WA 98119	
		DD=04/16/1999 MA= / /	
CT-2584 mesylate	Treatment of malignant mesothelioma.	Cell Therapeutics, Inc.	
TN=	•	201 Elliott Ave. West	
		Seattle, WA 98119	
		DD=04/16/1999 MA= / /	
CY-1503	Treatment of post-ischemic pulmonary reperfusion edema	Cytel Corporation	
TN= Cylexin	following surgical treatment for chronic thromboembolic	3525 John Hopkins Court	
	pulmonary hypertension.	San Diego, CA 92121	
		DD=12/22/1993 MA= / /	
CY-1503	Treatment of neonates and infants undergoing cardiopulmonary	Cytel Corporation	
TN= Cylexin	bypass during surgical repair of congenital heart lesions.	3525 John Hopkins Court	
		San Diego, CA 92121	
		DD=07/18/1997 MA= / /	
CY-1899	Treatment of chronic active hepatitis B infection in HLA-A2	Cytel Corporation	
TN=	positive patients.	3525 John Hopkins Court	
		San Diego, CA 92121	
		DD=03/16/1994 MA= / /	
Caffeine	Treatment of apnea of prematurity.	O.P.R. Development, L.P.	
TN= Cafcit		1501 Wakarusa Drive	
		Lawrence, KS 66047	
		DD=09/20/1988 MA=09/21/1999	
Calcitonin-human for injection	Treatment of symptomatic Paget's disease (osteitis deformans).	Novartis Pharmaceutical Corporation	
TN= Cibacalcin		59 Route 10	
		East Hanover, NJ 07936	
		DD=01/20/1987 MA=10/31/1986	
Calcium acetate	Treatment of hyperphosphatemia in end stage renal failure.	Braintree Laboratories	
TN= Phos-Lo		60 Columbian Street	
		P.O. Box 361	
		Braintree, MA 02184	
		DD=12/22/1988 MA=12/10/1990	
Calcium acetate	Treatment of hyperphosphatemia in end stage renal disease.	Pharmedic Company	
TN=		28101 Ballard Road, Suite F	
		Lake Forest, IL 60045	
		DD=06/27/1989 MA= /-/	
Calcium carbonate	Treatment of hyperphosphatemia in patients with end stage renal	R & D Laboratories, Inc.	
TN= R & D calcium	disease.	4204 Glencoe Avenue	
carbonate/600		Marina Del Rey, CA 90292	
		DD=06/06/1990 MA= / /	

	Through December 31, 1999	
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Calcium gluconate TN= Calgonate	For use as a wash for hydrofluoric acid spills on human skin.	Calgonate Corp. 190 Commerce Drive Warwick, RI 02886 DD=11/20/1997 MA= / /
Calcium gluconate gel TN= H-F Gel	For use in the emergency topical treatment of hydrogen fluoride (hydrofluoric acid) burns.	LTR Pharmaceuticals, Inc. 145 Sakonnet Blvd. Narragansett, RI 02882 DD=05/21/1991 MA= / /
Calcium gluconate gel 2.5% TN=	Emergency topical treatment of hydrogen fluoride (hydrofluoric acid) burns.	Paddock Laboratories, Inc. 3940 Quebec Avenue North Minneapolis, MN 55427 DD=09/10/1990 MA= / /
Carbamylglutamic acid TN=	Treatment of N-acetylglutamate synthetase deficiency.	Orphan Europe Immeuble "Le Guillaumet" 60, avenue du President Wilson 92046 Paris France, DD=01/20/1998 MA= / /
Cascara sagrada fluid extract TN=	Treatment of oral drug overdosage to speed lower bowel evacuation.	Intramed Corporation 102 Tremont Way Augusta, GA 30907 DD=03/21/1989 MA= / /
Ceramide trihexosidase/alpha-galactosidas e A TN=	Treatment of Fabry's disease.	Genzyme Corporation One Kendall Square Cambridge, MA 02139 DD=01/19/1988 MA= / /
Chenodiol TN= Chenix	For patients with radiolucent stones in well opacifying gallbladders, in whom elective surgery would be undertaken except for the presence of increased surgical risk due to systemic disease or age.	Solvay 901 Sawyer Road Marietta, GA 30062 DD=09/21/1984 MA=07/28/1983
Chlorhexidine gluconate mouthrinse TN= Peridex	For use in the amelioration of oral mucositis associated with cytoreductive therapy used in conditioning patients for bone marrow transplantation therapy.	Procter & Gamble Company Sharon Wood Technical Center 11370 Reed Hartman Highway Cincinnati, OH 45241 DD=08/18/1986 MA= //
Choline chloride TN= Intrachol	Treatment of choline deficiency, specifically the choline deficiency, hepatic steatosis, and cholestasis, associated with long-term parenteral nutrition.	Orphan Medical, Inc. 13911 Ridgedale Drive Suite 475 Minnetonka, MN 55305 DD=02/10/1994 MA= / /
Chondrocyte-alginate gel suspension TN=	For use in correcting vesicoureteral reflux in the pediatric population.	Reprogenesis, Inc. 800 Huntington Ave. Boston, MA 02115

DD=12/01/1997 MA= / /

NAME	Through December 31, 1999	
Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Ciliary neurotrophic factor	Treatment of amyotrophic lateral sclerosis.	Regeneron Pharmaceuticals Inc
TN=		777 Old Saw Mill River Road
		Tarrytown, NY 10591
		DD=01/30/1992 MA= / /
Citric acid,	Treatment of renal and bladder calculi of the apatite or struvite	United-Guardian, Inc.
glucono-delta-lactone and	variety.	P.O. Box 2500
magnesium carbonate		Smithtown, NY 11787
TN= Renacidin Irrigation		DD=08/28/1989 MA=10/02/1990
Cladribine	Treatment of acute myeloid leukemia.	R. W. Johnson Pharmaceutical Research
TN= Leustatin	•	Institute
		Route 202
		P.O. Box 300
		Raritan, NJ 08869
		DD=07/20/1990 MA= / /
Cladribine	Treatment of hairy cell leukemia.	R. W. Johnson Pharmaceutical Research
TN= Leustatin Injection		Institute
		Route 202, P.O. Box 300
		Raritan, NJ 08869
		DD=11/15/1990 MA=02/26/1993
Cladribine	Treatment of chronic lymphocytic leukemia.	R. W. Johnson Pharmaceutical Research
ΓN= Leustatin Injection		Institute
		Route 202, P.O. Box 300
		Raritan, NJ 08869
		DD=12/31/1990 MA= / /
Cladribine	Treatment of non-Hodgkin's lymphoma.	R. W. Johnson Pharmaceutical Research
ΓN= Leustatin Injection		Institute
		Route 202 South, P.O. Box 300
		Raritan, NJ 08869
		DD=04/19/1993 MA= / /
Cladribine	Treatment of the chronic progressive form of multiple sclerosis.	R. W. Johnson Pharmaceutical Research
ΓN= Mylinax		Institute
		Route 202
		PO Box 300
		Raritan, NJ 08869
		DD=04/19/1994 MA= / /
Clindamycin	Treatment of Pneumocystis carinii pneumonia associated with	Pharmacia & Upjohn
TN= Cleocin	AIDS patients.	7000 Portage Road
		Unit 0633-298-113
		Kalamazoo, MI 49001
		DD=10/28/1988 MA= / /
Clindamycin	Prevention of Pneumocystis carinii pneumonia in AIDS patients.	Pharmacia & Upjohn
TN= Cleocin	•	7000 Portage Road
		Unit 0633-298-113
		Kalamazoo, MI 49001
		DD=10/28/1988 MA= / /

NI A BATTS	Through December 31, 1999	
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Clofazimine	Treatment of lepromatous leprosy, including dapsone-resistant	Novartis Pharmaceutical Corporation
TN= Lamprene	lepromatous leprosy and lepromatous leprosy complicated by	59 Route 10
	erythema nodosum leprosum.	East Hanover, NJ 07936
		DD=06/11/1984 MA=12/15/1986
Clonazepam	Treatment of hyperekplexia (startle disease).	Hoffmann-La Roche, Inc.
TN= Klonopin		340 Kingsland Street
		Nutley, NJ 07110
		DD=08/04/1994 MA= / /
Clonidine	For continous epidural administration as adjunctive therapy with	Roxane Laboratories, Inc.
TN= Duracion	intraspinal opiates for the treatment of pain in cancer patients	PO Box 16532
	tolerant to, or unresponsive to, intraspinal opiates.	Columbus, OH 43216
		DD=01/24/1989 MA=10/02/1996
Clostridial collagenase	Treatment of advanced (involutional or residual stage)	Hurst, L. M.D. & Badalamente, M. Ph.D.
TN=	Dupuytren's disease.	State University of New York at Stony
		Brook
		School of Medicine, Health Sciences Center
`		T18-020
		Stony Brook, NY 11794
		DD=05/23/1996 MA= / /
Clotrimazole	Treatment of sickle cell disease.	Brugnara, Carlo M.D.
TN=		The Children's Hospital
		300 Longwood Avenue, Bader 760
		Boston, MA 02115
		DD=04/24/1995 MA= / /
Coagulation Factor IX (human)	For use as replacement therapy in patients with hemophilia B for	Alpha Therapeutic Corporation
TN= AlphaNine	the prevention and control of bleeding episodes, and during	5555 Valley Boulevard
	surgery to correct defective hemostasis.	Los Angeles, CA 90032
		DD=07/05/1990 MA=12/31/1990
Coagulation Factor IX	Treatment of hemophilia B.	Genetics Institute, Inc.
(recombinant)		87 Cambridge Park Drive
TN= BeneFix		Cambridge, MA 02140
		DD=10/03/1994 MA=02/11/1997
Coagulation factor IX	Replacement treatment and prophylaxis of the hemorrhagic	Armour Pharmaceutical Company
TN= Mononine	complications of hemophilia B.	500 Arcola Road, P.O. Box 1200
		Collegeville, PA 19426
		DD=06/27/1989 MA=08/20/1992
Coagulation factor VIIa	Treatment of bleeding episodes in hemophilia A or B patients	Novo Nordisk Pharmaceuticals, Inc.
(recombinant)	with inhibitors to Factor VIII or Factor IX.	100 Overlook Center
TN= NovoSeven		Suite 200
		Princeton, NJ 08540
		DD=06/06/1988 MA=03/25/1999

	Through December 31, 1999	
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Colfosceril palmitate, cetyl	Prevention of hyaline membrane disease, also known as	Glaxo Wellcome Inc.
alcohol, tyloxapol	respiratory distress syndrome, in infants born at 32 weeks	5 Moore Drive
TN= Exosurf Neonatal for	gestation or less.	Research Triangle Park, NC 27709
Intratracheal Suspension		DD=10/20/1989 MA=08/02/1990
Colfosceril palmitate, cetyl	Treatment of established hyaline membrane disease at all	Glaxo Wellcome Inc.
alcohol, tyloxapol	gestational ages.	5 Moore Drive
TN= Exosurf Neonatal for		Research Triangle Park, NC 27709
Intratracheal Suspension		DD=10/20/1989 MA=08/02/1990
Colfosceril palmitate, cetyl	Treatment of adult respiratory distress syndrome.	Glaxo Wellcome Research and Development
alcohol, tyloxapol		5 Moore Drive
TN= Exosurf		P.O. Box 13398
		Research Triangle Park, NC 27709 DD=01/11/1993 MA= / /
Collagenase (lyophilized) for	Treatment of Peyronie's disease.	Advance Biofactures Corporation
injection		35 Wilbur Street
TN= Plaquase		Lynbrook, NY 11563
		DD=03/12/1996 MA= / /
Corticorelin ovine triflutate	For use in differentiating pituitary and ectopic production of	Ferring Laboratories, Inc.
TN= Acthrel	ACTH in patients with ACTH-dependent Cushings syndrome.	400 Rella Boulevard, Suite 201
		Suffern, NY 10901
		DD=11/24/1989 MA=05/23/1996
Corticotropin-releasing factor	, Treatment of peritumoral brain edema.	Neurobiological Technologies, Inc.
human		1387 Marina Way South
TN= Xerecept		Richmond, CA 94804
		DD=04/06/1998 MA= / /
Coumarin	Treatment of renal cell carcinoma.	Drossapharm LTD
TN= Onkolox		4002 Basel
		Switzerland,
		DD=12/22/1994 MA= / /
Cromolyn sodium	Treatment of mastocytosis.	Fisons Corporation
TN= Gastrocrom		755 Jefferson Rd
		P.O. Box 1710
		Rochester, NY 14603
		DD=03/08/1984 MA=12/22/1989
Cromolyn sodium 4%	Treatment of vernal keratoconjunctivitis.	Fisons Corporation
ophthalmic solution		755 Jefferson Rd.
TN= Opticrom 4% ophthalmi	c ·	P.O. Box 1710
solution		Rochester, NY 14603
		DD=07/24/1985 MA=10/03/1984
Cryptosporidium hyperimmu	•	ImmuCell Corporation
bovine colostrum IgG	Cryptosporidium parvum.	56 Evergreen Drive
concentrate		Portland, ME 04103
TN=		DD=12/30/1991 MA= / /

NIARE	Through December 31, 1999	
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Cyclosporine 2% ophthalmic	Treatment of patients at high risk of graft rejection following	Allergan, Inc.
ointment	penetrating keratoplasty.	2525 Dupont Drive
TN=		P.O. Box 19534
		Irvine, CA 92623
		DD=08/01/1991 MA= / /
Cyclosporine 2% ophthalmic	For use in corneal melting syndromes of known or presumed	Allergan, Inc.
ointment	immunologic etiopathogenesis, including Mooren's ulcer.	2525 Dupont Drive
TN=	•	P.O. Box 19534
		Irvine, CA 92623
		DD=08/01/1991 MA= / /
Cyclosporine ophthalmic	Treatment of severe keratoconjunctivitis sicca associated with	University Of Georgia
TN= Optimmune	Sjogren's syndrome.	College Of Veterinary Medicine
•	-9-8	Department of Small Animal Medicine
		Athens, GA 30602
		DD=11/09/1988 MA= / /
Cysteamine	Treatment of nephropathic cystinosis.	Thoene, Jess G., M.D.
TN=		University of Michigan Medical School
		300 NIB, 1192 SE
		Ann Arbor, MI 48109
		DD=05/01/1986 MA= / /
Cysteamine	Treatment of nephropathic cystinosis.	Mylan Laboratories, Inc.
TN= Cystagon		781 Chestnut Ridge Road
, 5		P.O. Box 4310
		Morgantown, WV 26504
		DD=01/25/1991 MA=08/15/1994
Cysteamine hydrochloride	Treatment of corneal cystine crystal accumulation in cystinosis	
TN=	•	Sigma-Tau Pharmaceuticals, Inc.
	patients.	800 South Frederick Avenue
		Gaithersburg, MD 20877
	•	DD=08/19/1997 MA= / /
Cystic fibrosis Tr gene therapy	Treatment of cystic fibrosis.	GenVec, Inc.
(recombinant adenovirus)		12111 Parklawn Drive
TN= AdGVCFTR.10		Rockville, MD 20852
	•	DD=03/09/1995 MA= / /
Cystic fibrosis gene therapy	Treatment of cystic fibrosis.	Genzyme Corporation
TN=		One Mountain Rd.
	•	P.O. Box 9322
		Framingham, MA 01701
		DD=06/30/1992 MA= / /
Cystic fibrosis transmembrane	For cystic fibrosis transmembrane conductance regulator protein	Genzyme Corporation
conductance regulator	replacement therapy in cystic fibrosis patients.	P.O. Box 9322
TN=		Framingham, MA 01701
		DD=01/14/1992 MA= / /
		DD VIIITIDJE WINT

NAME Generic Name TN=Trade Name	Through December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Cystic fibrosis transmembrane	Treatment of cystic fibrosis.	Genetic Therapy, Inc.
conductance regulator gene		938 Clopper Road
rn=		Gaithersburg, MD 20878
		DD=01/08/1993 MA= / /
Cytarabine liposomal	Treatment of neoplastic meningitis.	DepoTech Corporation
TN= DepoCyt		10450 Science Center Drive
		San Diego, CA 92121
		DD=06/02/1993 MA=04/01/1999
Cytomegalovirus immune	Prevention or attenuation of primary cytomegalovirus disease in	Massachussetts Public Health Biologic
globulin (human)	immunosuppressed recipients of organ transplants.	Laboratories
TN= CytoGam		305 South Street
		Boston, MA 02130
		DD=08/03/1987 MA=12/04/1998
Cytomegalovirus immune	For use in conjunction with ganciclovir sodium for the treatment	Bayer Corporation
globulin intravenous (human)	of cytomegalovirus pneumonia in bone marrow transplant	Pharmaceutical Division, Biological
ΓN=	patients.	Products
		400 Morgan Lane
		New Haven, CT 06516
	•	DD=01/28/1991 MA= / /
OMP 777	Therapeutic management of patients with lung disease	DuPont Pharmaceuticals Company
ΓN=	attributable to cystic fibrosis.	Chestnut Run, Maple Run
		Centre Rd.
		Wilmington, DE 19805
		DD=06/04/1996 MA= / /
Daclizumab	Prevention of acute renal allograft rejection.	Hoffmann-La Roche, Inc.
ΓN= Zenapax		340 Kingsland Street
•		Nutley, NJ 07110
		DD=03/05/1993 MA=12/10/1997
Dapsone	Prophylaxis of toxoplasmosis in severely immunocompromised	Jacobus Pharmaceutical Company, Inc.
rn=	patients with CD4 counts below 100.	37 Cleveland Lane
	,	P.O. Box 5290
		Princeton, NJ 08540
		DD=11/07/1994 MA= / /
Dapsone USP	Prophylaxis for Pneumocystis carinii pneumonia.	Jacobus Pharmaceutical Company
ΓN= Dapsone	•	37 Cleveland Lane
<del>-</del>		P.O. Box 5290
		Princeton, NJ 08540
		DD=12/24/1991 MA= / /
Dapsone USP	For the combination treatment of Pneumocystis carinii	Jacobus Pharmaceutical Company
ΓN= Dapsone	pneumonia in conjunction with trimethoprim.	37 Cleveland Lane
		P.O. Box 5290
		Princeton, NJ 08540
		DD=01/08/1992 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Daunorubicin citrate liposome	Treatment of patients with advanced HIV-associated Kaposi's	NeXstar Pharmaceuticals, Inc.
injection	sarcoma.	650 Cliffside Drive
TN= DaunoXome		San Dimas, CA 91773
		DD=05/14/1993 MA=04/08/1996
Decitabine	Treatment of myelodysplastic syndromes.	Pharmachemie B.V.
TN=		Swensweg 5
		2031 GA Haarlem
		The Netherlands, NL
		DD=03/08/1999 MA= / /
Decitabine	Treatment of chronic myelogenous leukemia.	Pharmachemie B.V.
TN=		Swensweg 5
		2031 GA Haarlem
		The Netherlands, NL
		DD=03/08/1999 MA= / /
Defibrotide	Treatment of thrombotic thrombocytopenic purpura.	Crinos International
TN=		Via Belvedere 1
		Villa Guardia, Italy, 22079
·		DD=07/05/1985 MA= / /
Dehydroepiandrosterone	Treatment of systemic lupus erythematosus (SLE) and the	Genelabs Technologies, Inc.
TN=	reduction in the use of steroids in steroid-dependent SLE	505 Penobscot Drive
	patients.	Redwood City, CA 94063
		DD=07/13/1994 MA= / /
Dehydroepiandrosterone sulfate	To accelerate the re-epithelialization of donor sites in those	Pharmadigm, Inc.
sodium	hospitalized burn patients who must undergo autologous skin	2401 Foothill Drive
TN=	grafting.	Salt Lake City, UT 84109
		DD=01/28/1997 MA= / /
Dehydroepiandrosterone sulfate	Treatment of serious burns requiring hospitalization.	Pharmadigm, Inc.
sodium		2401 Foothill Drive
TN=		Salt Lake City, UT 84109
		DD=01/29/1997 MA= / /
Denileukin diftitox	Treatment of patients with persistent or recurrent cutaneous	Seragen, Inc.
TN= Ontak	T-cell lymphoma whose malignant cells express the CD25	97 South Street
	component of the IL-2 receptor.	Hopkinton, MA 01748
	•	DD=08/21/1996 MA=02/05/1999
Deslorelin	Treatment of central precocious puberty.	Roberts Pharmaceutical Corp.
TN= Somagard		Meridian Center II
		Four Industrial Way West
		Eatontown, NJ 07724
		DD=11/05/1987 MA= / /
Desmopressin acetate	Treatment of mild hemophilia A and von Willebrand's disease.	Rhone-Poulenc Rorer Pharmaceuticals, Inc.
TN=		500 Arcola Road
		Collegeville, PA 19426
		DD=01/22/1991 MA=03/07/1994

	Through December 31, 1999		
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval	
Dexamethasone	For use in posterior segment drug delivery system in the	Oculex Pharmaceuticals, Inc.	
TN=	treatment of idiopathic intermediate uveitis.	639 N. Pastoria Avenue	
		Sunnyvale, CA 94086	
		DD=09/11/1998 MA= / /	
Dexrazoxane	For the prevention of cardiomyopathy associated with	Pharmacia & Upjohn	
TN= Zinecard	doxorubicin administration.	7000 Portage Road	
		Kalamazoo, MI 49001	
		DD=12/17/1991 MA=05/26/1995	
Dextran 70	Treatment of recurrent corneal erosion unresponsive to	Holles Laboratories, Inc.	
TN= Dehydrex	conventional therapy.	30 Forest Notch	
,		Cohasset, MA 02025	
		DD=03/05/1990 MA= / /	
Dextran and deferoxamine	Treatment of acute iron poisoning.	Biomedical Frontiers, Inc.	
TN= Bio-Rescue		1095 10th Avenue S.E.	
		Minneapolis, MN 55414	
		DD=03/08/1991 MA= / /	
Dextran sulfate (inhaled,	For use as an adjunct to the treatment of cystic fibrosis.	Kennedy & Hoidal, M.D.'s	
aerosolized)		University Of Utah Medical Center	
TN= Uendex	•	50 North Medical Drive, Room 4R240	
		Salt Lake City, UT 84132	
		DD=10/05/1990 MA= / /	
Dextran sulfate sodium	Treatment of aquired immunodeficiency syndrome.	Ueno Fine Chemicals Industry, Ltd.	
TN=	•	2-31 Koraibashi, Higashi-ku	
		Osaka 541, Japan,	
		DD=11/19/1987 MA= / /	
Dianeal peritoneal dialysis	For use as a nutritional supplement for the treatment of	Baxter Healthcare Corporation	
solution with 1.1% amino acids	malnourishment in patients undergoing continuous ambulatory	1620 Waukegan Road	
TN= Nutrineal (Peritoneal	peritoneal dialysis.	McGaw Park, IL 60085	
Dialysis Solution with 1.1% Amino Acid		DD=06/11/1992 MA= / /	
Diazepam viscous solution for	For the management of selected, refractory, patients with	Athena Neurosciences, Inc.	
rectal administration	epilepsy, on stable regimens of antiepileptic drugs (AEDs), who	800f Gateway Boulevard	
TN=	require intermittent use of diazepam to control bouts of	South San Francisco, CA 94080	
	increased seizure activity.	DD=02/25/1992 MA=07/29/1997	
Diethyldithiocarbamate	Treatment of AIDS.	Connaught Laboratories	
TN= Imuthiol		Route 611, P.O. Box 187	
		Swiftwater, PA 18370	
		DD=04/03/1986 MA= / /	
Digoxin immune FAB (Ovine)	Treatment of potentially life threatening digitalis intoxication in	Glaxo Wellcome Inc.	
TN= Digibind	patients who are refractory to management by conventional	5 Moore Drive	
	therapy.	Research Triangle Park, NC 27709	
		DD=11/01/1984 MA=04/22/1986	

NAME	Through December 31, 1999	CRONGOR A ARRENGA
Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Digoxin immune fab(ovine)	Treatment of life-threatening acute cardiac glycoside	Boehringer Mannheim Corp.
TN= Digidote	intoxication manifested by conduction disorders, ectopic	1301 Piccard Drive
	ventricular activity and (in some cases) hyperkalemia.	Rockville, MD 20850
		DD=03/11/1985 MA= / /
Dihydrotestosterone	Treatment of weight loss in AIDS patients with HIV-associated	Unimed Pharmaceuticals, Inc.
TN= Androgel -DHT	wasting.	2150 East Lake Cook Road, Suite 210
		Buffalo Grove, IL 60089
		DD=02/05/1996 MA= / /
Dimethyl sulfoxide	Treatment of increased intracranial pressure in patients with	Pharma 21
TN=	severe, closed-head injury, also known as traumatic brain coma,	c/o Univ. of Calif., San Diego
	for whom no other effective treatment is available.	9500 Gilman Dr.
		La Jolla, CA 92093
		DD=11/22/1994 MA= / /
Dimethylsulfoxide	Topical treatment for the prevention of soft tissue injury	Cancer Technologies, Inc.
TN=	following extravastion of cytotoxic drugs.	7301 East 22nd Street
		Suite 10E
		Tucson, AZ 85710
		DD=04/15/1997 MA= / /
Dimethylsulfoxide	Treatment of palmar-plantar erythrodysethesia syndrome.	Cancer Technologies, Inc.
TN=		7301 East 22nd Street
		Suite 10E
		Tucson, AZ 85710
		DD=04/06/1998 MA= / /
	Prevention and treatment of neonatal respiratory distress	Forum Products, Inc.
/phosphatidylglycerol	syndrome.	33 Flying Point Road
TN= ALEC		Southampton, NY 11968
		DD=07/28/1988 MA= / /
Disaccharide tripeptide glycerol	Treatment of pulmonary and hepatic metastases in patients with	ImmunoTherapeutics, Inc.
dipalmitoyl	colorectal adenocarcinoma.	3505 Riverview Circle
TN= Immther		Moorhead, MN 56560
		DD=03/01/1990 MA= / /
Disodium clodronate	Treatment of hypercalcemia of malignancy.	Discovery Experimental & Development,
TN=		Inc.
		29949 S.R. 54 West
*		Wesley Chapel, FL 33543
		DD=06/16/1993 MA= / /
Disodium clodronate	Treatment of increased bone resorption due to malignancy.	Anthra Pharmaceuticals, Inc.
tetrahydrate		103 Carnegie Center, Suite 102
TN= Bonefos		Princeton, NJ 08540
		DD=03/05/1990 MA= / /
Dornase alfa	To reduce mucous viscosity and enable the clearance of airway	Genentech, Inc.
TN= Pulmozyme	secretions in patients with cystic fibrosis.	460 Point San Bruno Boulevard
		South San Francisco, CA 94080
		DD=01/16/1991 MA=12/30/1993

Through December 31, 1999			
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval	
Doxorubicin liposome	Treatment of ovarian cancer.	Alza Corporation	
TN= Doxil		1550 Plymouth St.	
		PO Box 7210	
		Mountain View, CA 94039	
		DD=11/04/1998 MA=06/28/1999	
Dronabinol	For the stimulation of appetite and prevention of weight loss in	Unimed Pharmaceuticals, Inc.	
TN= Marinol	patients with a confirmed diagnosis of AIDS.	2150 East Lake Cook Road, Suite 210	
		Buffalo Grove, IL 60089	
		DD=01/15/1991 MA=12/22/1992	
Duramycin	Treatment of cystic fibrosis.	MoliChem Medicines Inc.	
TN=		2135 North Lakeshore Drive	
		Chapel Hill, NC 27514	
		DD=12/11/1997 MA= / /	
Dynamine	Treatment of Lambert Eaton myasthenic syndrome.	Mayo Foundation	
TN=		200 First Street Southwest	
		Rochester, MN 55905	
		DD=02/05/1990 MA= / /	
Dynamine	Treatment of hereditary motor and sensory neuropathy type I	Mayo Foundation	
TN=	(Charcot-Marie-Tooth disease).	200 First Street Southwest	
		Rochester, MN 55905	
		DD=10/16/1991 MA= / /	
Eflornithine HCl	Treatment of Trypanosoma brucei gambiense infection (sleeping	Hoechst Marion Roussel	
TN= Ornidyl	sickness).	P.O. Box 9627	
		Kansas City, MO 64134	
		DD=04/23/1986 MA=11/28/1990	
Elcatonin	Intrathecal treatment of intractable pain.	Innapharma, Inc.	
TN=		10 Mountainview Road	
		Upper Saddle River, NJ 07458	
		DD=09/25/1995 MA= / /	
Enadoline hydrochloride	Treatment of severe head injury.	Warner-Lambert Company	
TN=		Parke-Davis Pharmaceutical Research	
		Division	
		2800 Plymouth Road	
		Ann Arbor, MI 48105	
		DD=01/28/1997 MA= / /	
Encapsulated porcine islet	Treatment of type I diabetic patients who are already on	VivoRx	
preparation	immunosuppression.	2825 Santa Monica Blvd.	
TN= BetaRx		2nd Floor	
		Santa Monica, CA 90404	
		DD=07/05/1995 MA= / /	
Epidermal growth factor	For acceleration of corneal epithelial regeneration and the	Chiron Vision	
(human)	healing of stromal tissue in the condition of non-healing corneal	500 Iolab Drive	
TN=	defects.	Claremont, CA 91711	
		DD=10/05/1987 MA= / /	

NAME	Through December 31, 1999	SPONSOR & ADDRESS
Generic Name TN=Trade Name	INDICATION DESIGNATED	DD=Date Designated MA=Marketing Approval
Epirubicin TN= Ellence	Treatment of breast cancer.	Pharmacia & Upjohn Company 0634-298-113 7000 Portage Rd. Kalamazoo, MI 49001 DD=09/14/1999 MA=09/15/1999
Epoetin alfa TN= Epogen	Treatment of anemia associated with end stage renal disease.	Amgen, Inc. 1840 Dehavilland Drive Thousand Oaks, CA 91320 DD=04/10/1986 MA=06/01/1989
Epoetin alfa TN= Epogen	Treatment of anemia associated with HIV infection or HIV treatment.	Amgen, Inc. 1840 Dehavilland Drive Thousand Oaks, CA 91320 DD=07/01/1991 MA=12/31/1990
Epoetin alfa TN=	Treatment of myelodysplastic syndrome.	R. W. Johnson Pharmaceutical Research Institute Route 202, P.O. Box 300 Raritan, NJ 08869 DD=12/20/1993 MA= //
Epoetin alpha TN= Procrit	Treatment of anemia associated with end stage renal disease.	R. W. Johnson Pharmaceutical Research Institute Route 202 South P.O. Box 300 Raritan, NJ 08869 DD=08/27/1987 MA= //
Epoetin alpha TN= Procrit	Treatment of anemia of prematurity in preterm infants.	R. W. Johnson Pharmaceutical Research Institute Route 202, P.O. Box 300 Raritan, NJ 08869 DD=07/21/1988 MA= //
Epoetin alpha TN= Procrit	Treatment of HIV associated anemia related to HIV infection or HIV treatment.	R. W. Johnson Pharmaceutical Research Institute Route 202, P.O. Box 300 Raritan, NJ 08869 DD=03/07/1989 MA= //
Epoetin beta TN= Marogen	Treatment of anemia associated with end stage renal disease.	Chugai-USA, Inc. 3780 Hawthorn Court Waukegan, IL 60087 DD=10/22/1987 MA= / /
Epoprostenol TN= Flolan	Treatment of primary pulmonary hypertension.	Glaxo Wellcome Inc. 5 Moore Drive Research Triangle Park, NC 27709 DD=09/25/1985 MA=09/20/1995

	Through December 31, 1999		
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval	
Epoprostenol TN= Flolan	Treatment of secondary pulmonary hypertension due to intrinsic precapillary pulmonary vascular disease.	Glaxo Wellcome Inc. Five Moore Dr. PO Box 13398 Research Triangle Park, NC 27709 DD=03/22/1999 MA= / /	
Erwinia L-asparaginase TN= Erwinase	Treatment of acute lymphocytic leukemia.	Porton International, Inc. 1155 15th Street, N.W., #315 Washington, DC 20005 DD=07/30/1986 MA= //	
Erythropoietin (recombinant human) TN=	Treatment of anemia associated with end stage renal disease.	McDonnell Douglas Corp P.O. Box 516, 107/2 MS10 St. Louis, MO 63166 DD=08/19/1987 MA= //	
Etanercept TN= Enbrel	Reduction in signs and symptoms of moderately to severely active polyarticular-course juvenile rheumatoid arthritis in patients who have had an inadequate response to one or more disease-modifying anti-rheumatic drugs.	Immunex Corporation 51 University St. Sealtle, WA 98101 DD=10/27/1998 MA=05/27/1999	
Etanercept TN= Enbrel	Treatment of Wegener's granulomatosis.	Immunex Corporation 51 University Street Seattle, WA 98101 DD=04/06/1999 MA= / /	
Ethanolamine oleate TN= Ethamolin	Treatment of patients with esophageal varices that have recently bled, to prevent rebleeding.	Block Drug Company, Inc. 257 Cornelison Avenue Jersey City, NJ 07302 DD=03/22/1984 MA=12/22/1988	
Etidronate disodium TN= Didronel	Treatment of hypercalcemia of malignancy inadequately managed by dietary modification and/or oral hydration.	MGI Pharma, Inc. 6300 West Old Shakoppe Rd. Suite 110 Bloomington, MN 55438 DD=03/21/1986 MA=04/21/1987	
Etiocholanedione TN=	Treatment of aplastic anemia.	SuperGen, Inc. Two Annabel Lane, Suite 220 Suite 10 San Ramon, CA 94583 DD=11/03/1995 MA= / /	
Etiocholanedione TN=	Treatment of Prader-Willi syndrome.	SuperGen, Inc. Two Annabel Lane, Suite 220 San Ramon, CA 94583 DD=05/07/1996 MA= / /	
Exemestane TN= Aromasin	Treatment of advanced breast cancer in postmenopausal women whose disease has progressed following tamoxifen therapy.	Pharmacia & Upjohn 7000 Portage Road Mail Stop: 0636-298-113 Kalamazoo, MI 49001 DD=09/19/1991 MA=10/21/1999	

NAME Generic Name	Through December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated
TN=Trade Name	INDICATION DESIGNATED	MA=Marketing Approval
Exisulind	For the suppression and control of colonic adenomatous polyps	Cell Pathways, Inc.
TN=	in the inherited disease adenomatous polyposis coli.	702 Electronic Drive
		Horsham, PA 19044
		DD=02/14/1994 MA= / /
FIAU	Adjunctive treatment of chronic active hepatitis B.	Oclassen Pharmaceuticals, Inc.
TN=		100 Pelican Way
		San Rafael, CA 94901
		DD=07/24/1992 MA= / /
Factor XIII (human,	Treatment of congenital factor XIII deficiency.	Centeon Pharma GmbH
pasteurized)	· · · · · · · · · · · · · · · · · · ·	Postfach 1140
TN= Fibrogammin P		D-35001 Marburg
11v 11010gammin1		Germany, DE
		DD=01/16/1985 MA= / /
		DD-01/10/1983 MA= / /
Fampridine	Relief of symptoms of multiple sclerosis.	Acorda Therapeutics
TN= Neurelan		15 Skyline Dr.
		Hawthorne, NY 10532
•	•	DD=06/02/1987 MA= / /
Fampridine	Treatment of chronic, incomplete spinal cord injury.	Acorda Therapeutics, Inc.
TN= Neurelan	Treatment of enrolle, meomptete spinal cold figury.	15 Skyline Dr.
110 Tioniolan		Hawthorne, NY 10532
		DD=06/02/1997 MA= / /
		DD-00/02/1997 MA-77
Felbamate	Treatment of Lennox-Gastaut syndrome.	Wallace Laboratories
TN= Felbatol		301B College Road East
		Princeton, NJ 08540
		DD=01/24/1989 MA=07/29/1993
Fibrinogen (human)	For the control of bleeding and prophylactic treatment of	Alpha Therapeutic Corporation
TN=	patients deficient in fibrinogen.	5555 Valley Boulevard
	F	Los Angeles, CA 90032
		DD=08/23/1995 MA= / /
Filmonostin (leannean mlasses	Treatment of new health a service of allows an entitle like the	Mal War Distance T
Fibronectin (human plasma derived)	Treatment of non-healing corneal ulcers or epithelial defects	Melville Biologics, Inc.
,	which have been unresponsive to conventional therapy and the	310 East 67th Street
TN=	underlying cause has been eliminated.	New York, NY 10021
		DD=09/05/1988 MA= / /
Filgrastim	Treatment of patients with severe chronic neutropenia (absolute	Amgen, Inc.
TN= Neupogen	neutrophil count less than 500/mm3).	1840 Dehavilland Drive
		Thousand Oaks, CA 91320
		DD=11/07/1990 MA=12/19/1994
Filgrastim	Treatment of patients with AIDS who, in addition, are afflicted	Amgen, Inc.
TN= Neupogen	with cytomegalovirus retinitis and are being treated with	One Amgen Center Dr.
	ganciclovir.	Thousand Oaks, CA 91320
		DD=09/03/1991 MA= / /
		DD-03/03/1331 WIA- / /

NAME Generic Name TN=Trade Name	Through December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Filgrastim TN= Neupogen	Treatment of neutropenia associated with bone marrow transplants.	Amgen, Inc. 1840 Dehavilland Drive Thousand Oaks, CA 91320 DD=10/01/1990 MA=06/15/1994
Filgrastim TN= Neupogen	For use in the mobilization of peripheral blood progenitor cells for collection in patients who will receive myeloablative or myelosuppressive chemotherapy.	Amgen, Inc. 1840 Dehavilland Drive Thousand Oaks, CA 91320 DD=07/17/1995 MA=12/28/1995
Filgrastim TN= Neupogen	Reduction in the duration of neutropenia, fever, antibiotic use, and hospitalization, following induction and consolidation treatment for acute myeloid leukemia.	Amgen, Inc. One Amgen Center Dr. Thousand Oaks, CA 91320 DD=11/07/1996 MA=04/02/1998
Fludarabine phosphate TN= Fludara	Treatment of chronic lymphocytic leukemia (CLL), including refractory CLL.	Berlex Laboratories, Inc. 15049 San Pablo Avenue, P.O. Box 4099 Richmond, CA 94804 DD=04/18/1989 MA=04/18/1991
Fludarabine phosphate TN= Fludara	Treatment and management of patients with non-Hodgkins lymphoma.	Berlex Laboratories, Inc. 15049 San Pablo Avenue P.O. Box 4099 Richmond, CA 94804 DD=04/18/1989 MA= //
Flumecinol TN= Zixoryn	Treatment of hyperbilirubinemia in newborn infants unresponsive to phototherapy.	Farmacon, Inc. 90 Grove Street, Suite 109 Ridgefield, CT 06877 DD=01/15/1985 MA= / /
Flunarizine TN= Sibelium	Treatment of alternating hemiplegia.	Janssen Research Foundation  P.O. Box 200  Titusville, NJ 08560  DD=01/06/1986 MA= / /
Fluorouracil TN= Adrucil	For use in combination with leucovorin for therapy of metastatic adenocarcinoma of the colon and rectum.	Lederle Laboratories Division of American Cyanamid Company 401 N. Middletown Road Pearl River, NY 10965 DD=02/06/1989 MA= / /
Fluorouracil TN=	For use in combination with interferon alpha-2a, recombinant, for the treatment of esophageal carcinoma.	Hoffmann-La Roche, Inc. 340 Kingsland Street Nutley, NJ 07110 DD=10/27/1989 MA= / /
Fluorouracil TN=	For use in combination with interferon alpha-2a, recombinant, for the treatment of advanced colorectal carcinoma.	Hoffmann-La Roche, Inc. 340 Kingsland Street Nutley, NJ 07110 DD=04/18/1990 MA= / /

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NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Fluoxetine	Treatment of autism.	Hollander, MD, Eric
TN= Prozac		Mt. Sinai School of Medicine, Dept. of Psychiatry
		Box 1230, One Gustave L. Levy Place New York, NY 10029 DD=04/30/1999 MA= //
Follitropin alfa, recombinant TN= Gonal-F	For the initiation and re-initiation of spermatogenesis in adult males with reproductive failure due to hypothalamic or pituitary dysfunction, hypogonadotropic hypogonadism.	Serono Laboratories, Inc. 100 Longwater Circle Norwell, MA 02061 DD=12/21/1998 MA= / /
Fomepizole TN= Antizole	Treatment of methanol or ethylene glycol poisoning.	Orphan Medical, Inc. 13911 Ridgedale Drive Suite 475 Minnetonka, MN 55305 DD=12/22/1988 MA=12/04/1997
Fosphenytoin TN= Cerebyx	For the acute treatment of patients with status epilepticus of the grand mal type.	Warner-Lambert Company 2800 Plymouth Road Ann Arbor, MI 48106 DD=06/04/1991 MA=08/05/1996
Fructose-1,6-diphosphate TN= Cordox	Treatment of painful vaso-occlusive episodes associated with sickle cell disease.	Cypros Pharmaceutical Corporation 2714 Loker Avenue West Carlsbad, CA 92008 DD=05/29/1998 MA= / /
Gabapentin TN= Neurontin	Treatment of amyotrophic lateral sclerosis.	Warner-Lambert Company Parke-Davis Pharmaceutical Research Division 2800 Plymouth Road Ann Arbor, MI 48105 DD=07/05/1995 MA= / /
Gamma hydroxybutyrate TN=	Treatment of narcolepsy and the auxiliary symptoms of cataplexy, sleep paralysis, hypnagogic hallucinations and automatic behavior.	Biocraft Laboratories, Inc. 18-01 River Road Fair Lawn, NJ 07410 DD=12/22/1987 MA= //
Gammalinolenic acid TN=	Treatment of juvenile rheumatoid arthritis.	Zurier, Robert B. M.D. University of Massachusetts Medical Center 55 Lake Avenue Worcester, MA 01655 DD=07/27/1994 MA= / /
Ganaxolone TN=	Treatment of infantile spasms.	CoCensys, Inc. 201 Technology Drive , 92618 DD=05/25/1994 MA= / /

NAME	Through December 31, 1999	
Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Ganciclovir intravitreal implant TN= Vitrasert Implant	Treatment of cytomegalovirus retinitis.	Bausch & Lomb Surgical, Chiron Vision Products 9342 Jeronimo Road Irvine, CA 92718
Gemtuzumab zogamicin TN=	Treatment of CD33-positive acute myeloid leukemia.	DD=06/07/1995 MA=03/04/1996  Wyeth-Ayerst Laboratories PO Box 8299 Philadelphia, PA 19101 DD=11/24/1999 MA= / /
Gentamicin impregnated PMMA beads on surgical wire TN= Septopal	Treatment of chronic osteomyelitis of post-traumatic, postoperative, or hematogenous origin.	Lipha Pharmaceuticals, Inc.  9 West 57th Street  Suite 3825  New York, NY 10019  DD=01/31/1991 MA= / /
Gentamicin liposome injection TN= Maitec	Treatment of disseminated Mycobacterium avium-intracellulare infection.	Liposome Company, Inc. One Research Way Princeton, NJ 08540 DD=07/10/1990 MA= / /
Glatiramer acetate TN= Copaxone	Treatment of multiple sclerosis.	Teva Pharmaceuticals USA 1510 Delp Drive Kulpsville, PA 19443 DD=11/09/1987 MA=12/20/1996
Glutamine TN=	For use with human growth hormone in the treatment of short bowel syndrome (nutrient malabsorption from the gastrointestinal tract resulting from an inadequate absorptive surface).	Nutritional Restart Pharmaceutical, L.P. 4364 South Alston Avenue Durham, NC 27713 DD=03/06/1995 MA= / /
Glyceryl trioleate and glyceryl trierucate TN=	Treatment of adrenoleukodystrophy.	Moser, Hugo W. M.D. Johns Hopkins University Kennedy Krieger Institute, 707 North Broadway Baltimore, MD 21205 DD=02/14/1995 MA= / /
Gonadorelin acetate TN= Lutrepulse	For induction of ovulation in women with hypothalamic amenorrhea due to a deficiency or absence in the quantity or pulse pattern of endogenous GnRH secretion.	Ferring Laboratories, Inc. 400 Rella Boulevard, Suite 201 Suffern, NY 10901 DD=04/22/1987 MA=10/10/1989
Gossypol TN=	Treatment of cancer of the adrenal cortex.	Reidenberg, Marcus M. M.D. The New York Hospital - Cornell Medical Center 525 East 68th Street, Box 70 New York, NY 10021 DD=10/22/1990 MA= / /

	Through December 31, 1999	
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Gp100 adenoviral gene therapy	Treatment of metastatic melanoma.	Genzyme Corporation
TN=		One Mountain Rd.
		P.O. Box 9322
		Framingham, MA 01701
		DD=03/25/1997 MA= / /
Growth hormone releasing	For the long-term treatment of children who have growth failure	ICN Pharmaceuticals, Inc.
factor	due to a lack of adequate endogenous growth hormone	ICN Plaza
TN=	secretion.	3300 Hyland Avenue
		Costa Mesa, CA 92626
		DD=08/07/1989 MA= / /
Guanfacine	Treatment of fragile X syndrome.	Watson Laboratories, Inc.
TN= Tenex		311 Bonnie Circle
		PO Box 1900
		Corona, CA 91718
		DD=08/05/1999 MA= / /
HLA-B7/Beta2M DNA Lipid	Treatment of invasive and metastatic melanoma (Stages II, III,	Vical Incorporated
(DMRIE/DOPE) Complex	and IV).	9373 Towne Centre Dr., Suite 100
TN= Allovectin-7		San Diego, CA 92121
		DD=09/30/1999 MA= / /
Halofantrine	Treatment of mild to moderate acute malaria caused by	SmithKline Beecham Pharmaceuticals
TN= Halfan	susceptible strains of P. falciparum and P. vivax.	One Franklin Plaza
		P.O. Box 7929
		Philadelphia, PA 19101
		DD=11/04/1991 MA=07/24/1992
Heme arginate	Treatment of symptomatic stage of acute porphyria.	Leiras, Inc.
TN= Normosang		15049 San Pablo Avenue
		Richmond, CA 94804
		DD=03/10/1988 MA= / /
Heme arginate	Treatment of myelodysplastic syndromes.	Leiras, Inc.
TN= Normosang		15049 San Pablo Avenue
		Richmond, CA 94804
		DD=03/01/1994 MA= / /
Hemin	Amelioration of recurrent attacks of acute intermittent porphyria	Abbott Laboratories
TN= Panhematin	(AIP) temporarily related to the menstrual cycle in susceptible	Diagnostics Division
	women and similar symptoms which occur in other patients with	Abbott Park, IL 60064
	AIP, porphyria variegata and hereditary coproporphyria.	DD=03/16/1984 MA=07/20/1983
Hemin and zinc mesoporphyrin	Treatment of acute porphyric syndromes.	Bonkovsky, Herbert L. M.D.
TN= Hemex		University Of Massachusetts Medical Center
		55 Lake Avenue North
		Worcester, MA 01655
		DD=12/20/1993 MA= / /

NAME Generic Name TN=Trade Name	Through December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Hepatitis B immune globulin intravenous (human) TN= Nabi-HB	Prophylaxis against hepatitis B virus reinfection in liver transplant patients.	NABI 12280 Wilkins Avenue Rockville, MD 20852 DD=03/08/1995 MA= / /
Herpes simplex virus gene TN=	Treatment of primary and metastatic brain tumors.	Genetic Therapy, Inc. 938 Clopper Road Gaithersburg, MD 20878 DD=10/16/1992 MA= / /
Histamine TN= Maxamine	Adjunct to cytokine therapy in the treatment of acute myeloid leukemia.	Maxim Pharmaceuticals, Inc. 8899 University Center Lane Suite 400 San Diego, CA 92122 DD=12/15/1999 MA= / /
Histrelin TN=	Treatment of acute intermittent porphyria, hereditary coproporphyria, and variegate porphyria.	Anderson, Karl E., M.D. University of Texas Medical Branch at Galveston Route J-09, 700 The Strand Galveston, TX 77550 DD=05/03/1991 MA= / /
Histrelin acetate TN= Supprelin Injection	Treatment of central precocious puberty.	Roberts Pharmaceutical Corp. Meridian Center III 6 Industrial Way West Eatontown, NJ 07724 DD=08/10/1988 MA=12/24/1991
Human T-lymphotropic virus type III Gp160 antigens TN= Vaxsyn HIV-1	Treatment of AIDS.	MicroGeneSys, Inc. 1000 Research Parkway Meriden, CT 06450 DD=11/20/1989 MA= / /
Human acid precursor alpha-glucosidase, recombinant TN=	Treatment of glycogen storage disease type II.	Pharming/Genzyme LLC c/o Genzyme Corporation 5 Mountain Rd. Framingham, MA 01701 DD=09/10/1996 MA= / /
Human immunodeficiency virus immune globulin TN=	Treatment of AIDS.	NABI 5800 Park of Commerce Blvd., N.W. Boca Raton, FL 33487 DD=11/21/1989 MA= / /
Human immunodeficiency virus immune globulin TN= •	Treatment of HIV-infected pregnant women and infants of HIV-infected mothers.	NABI 5800 Park of Commerce Blvd., N.W. Boca Raton, FL 33487 DD=03/25/1992 MA= //

Through December 31, 1999		
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Human immunodeficiency virus immune globulin TN= Hivig	Treatment of HIV-infected pediatric patients.	NABI 5800 Park of Commerce Blvd., N.W. Boca Raton, FL 33487 DD=01/04/1995 MA= //
Human retinal pigmented epithelial cells on collagen microcarriers TN= Spheramine	Treatment of Hoehn and Yahr stage 3 and 4 Parkinson's disease.	Titan Pharmaceuticals, Inc. Post Office Plaza 50 Division Street, Suite 503 Somerville, NJ 08876 DD=07/18/1997 MA= / /
Humanized MAb (IDEC-131) to CD40L TN=	Treatment of systemic lupus erythematosus.	Idec Pharmaceuticals Corporation 3030 Callan Rd. San Diego, CA 92121 DD=02/09/1999 MA= / /
Humanized anti-CD2 monoclonal antibody TN=	Treatment of graft-versus-host disease.	MedImmune, Inc. 35 West Watkins Mill Rd. Gaithersburg, MD 20878 DD=11/13/1998 MA= / /
Humanized anti-human CD2 MAb TN= MEDI-507	For the induction of donor-specific immunologic unresponsiveness resulting in prophylaxis of organ rejection without the need for chronic immunosuppressive therapy, in patients receiving allogeneic renal transplants.	Biotransplant, Inc. Building 75, 3rd. Ave. Charlestown Navy Yard Charlestown, MA 02129 DD=09/17/1998 MA= / /
Humanized anti-tac TN= Zenapax	Prevention of acute graft-vs-host disease following bone marrow transplantation.	Hoffmann-La Roche, Inc. 340 Kingsland Street Nutley, NJ 07110 DD=03/05/1993 MA= / /
Hydroxycobalamin/sodium thiosulfate TN=	Treatment of severe acute cyanide poisoning.	Hall, Alan H. M.D.  Medical Technology 6300 South Syracuse Way, Suite 300 Englewood, CO 80111 DD=10/04/1985 MA= / /
Hydroxyurea TN= Droxia	Treatment of patients with sickle cell anemia as shown by the presence of hemoglobin S.	Bristol-Myers Squibb Pharmaceutical Research Institute P.O. Box 4000 Princeton, NJ 08543 DD=10/01/1990 MA=02/25/1998
Ibuprofen i.v. solution TN= Salprofen	Prevention of patent ductus arteriosus.	Farmacon, Inc. 90 Grove Street, Suite 109 Ridgefield, CT 06877 DD=10/29/1996 MA= / /
Ibuprofen i.v. solution TN=	Treatment of patent ductus arteriosus.	Farmacon, Inc. Post House, Suite 213 1720 Post Road East Westport, CT 06880 DD=10/29/1996 MA= / /

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NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Icodextrin 7.5% with Electrolytes Peritoneal Dialysis Solution TN= Extraneal (with 7.5% Icodextrin) Peritoneal Dialysis Solutio	Treatment of those patients having end stage renal disease and requiring peritoneal dialysis treatment.	Baxter Healthcare Corporation Renal Division 1620 Waukegan Road McGaw Park, IL 60085 DD=07/18/1997 MA= //
Idarubicin HCl for injection TN= Idamycin	Treatment of acute myelogenous leukemia, also referred to as acute nonlymphocytic leukemia.	Adria Laboratories, Inc. P.O. Box 16529 Columbus, OH 43216 DD=07/25/1988 MA=09/27/1990
Idarubicin HCl for injection TN= Idamycin	Treatment of acute lymphoblastic leukemia in pediatric patients.	Pharmacia & Upjohn 7000 Portage Road Unit 0633-298-113 Kalamazoo, MI 49001 DD=02/12/1991 MA= //
Idoxuridine TN=	Treatment of nonparenchymatous sarcomas.	NeoPharm, Inc. 225 East Deerpath, Suite 250 Lake Forest, IL 60045 DD=04/08/1996 MA= / /
Ifosfamide TN= Ifex	Treatment of bone sarcomas.	Bristol-Myers Squibb Pharmaceutical Research Institute P.O. Box 4000 Princeton, NJ 08543 DD=08/07/1985 MA= //
Ifosfamide TN= Ifex	Treatment of soft tissue sarcomas.	Bristol-Myers Squibb Pharmaceutical Research Institute P.O. Box 4000 Princeton, NJ 08543 DD=08/07/1985 MA= //
Ifosfamide TN= Ifex	Treatment of testicular cancer.	Bristol-Myers Squibb Pharmaceutical Research Institute 5 Research Parkway, P.O. Box 5100 Wallingford, CT 06492 DD=01/20/1987 MA=12/30/1988
Imciromab pentetate TN= Myoscint	Detecting early necrosis as an indication of rejection of orthotopic cardiac transplants.	Centocor, Inc. 244 Great Valley Parkway Malvern, PA 19355 DD=01/25/1989 MA= / /
Imexon TN=	Treatment of multiple myeloma.	AmpliMed Corporation 2321 Camino La Zorrela Tucson, AZ 85718 DD=11/08/1996 MA= / /

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Imiglucerase TN= Cerezyme	Replacement therapy in patients with types I, II, and III Gaucher's disease.	Genzyme Corporation One Kendall Square Cambridge, MA 02139 DD=11/05/1991 MA=05/23/1994
Immune globulin intravenous, human TN= Gamimune N	Infection prophylaxis in pediatric patients affected with the human immunodeficiency virus.	Bayer Corporation Pharmaceutical Division, Biological Products 400 Morgan Lane New Haven, CT 06516 DD=02/18/1993 MA=12/27/1993
Imported fire ant venom, allergenic extract TN=	For skin testing of victims of fire ant stings to confirm fire ant sensitivity and if positive, for use as immunotherapy for the prevention of IgE-mediated anaphylactic reactions.	ALK Laboratories, Inc. Research Center 27 Village Lane Wallingford, CT 06492 DD=05/12/1992 MA= / /
Indium In 111 murine monoclonal antibody FAB to myosin TN= Myoscint	To aid in the diagnosis of myocarditis.	Centocor, Inc. 244 Great Valley Parkway Malvern, PA 19355 DD=08/07/1989 MA= / /
Indium-In-111 murine MAb(2B8-MX-DTPA) & Yttrium-Y90 murine MAb(2B8-MX-DTPA) TN= Melimmune	Treatment of B-cell non-Hodgkin's lymphoma.	IDEC Pharmaceuticals Corporation 3030 Callan Road San Diego, CA 92121 DD=09/06/1994 MA= //
Infliximab TN= Remicade	Treatment of moderately to severely active Crohn's disease for the reduction of the signs and symptoms, in patients who have an inadequate response to conventional therapy; and treatment of patients with fistulizing Crohn's disease for the reduction in the number of draining enterocutaneous fistula(s).	Centocor, Inc. 200 Great Valley Parkway Malvern, PA 19355 DD=11/14/1995 MA=08/24/1998
Inosine pranobex TN= Isoprinosine	Treatment of subacute sclerosing panencephalitis.	Newport Pharmaceuticals 897 West Sixteenth Street Newport Beach, CA 92663 DD=09/20/1988 MA= / /
Interferon Beta-1a TN= Avonex	Treatment of juvenile rheumatoid arthritis.	Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142 DD=10/14/1998 MA= / /
Interferon alfa-2a TN= Roferon A	Treatment of chronic myelogenous leukemia.	Hoffmann-La Roche, Inc. 340 Kingsland Street Nutley, NJ 07110 DD=06/06/1989 MA=10/19/1995

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Interferon alfa-2a (recombinant) TN= Roferon-A	Treatment of AIDS related Kaposi's sarcoma.	Hoffmann-La Roche, Inc. 340 Kingsland Street Nutley, NJ 07110 DD=12/14/1987 MA=11/21/1988
Interferon alfa-2a (recombinant) TN= Roferon-A	Treatment of renal cell carcinoma.	Hoffmann-La Roche, Inc. 340 Kingsland Street Nutley, NJ 07110 DD=04/18/1988 MA= / /
Interferon alfa-2a (recombinant) TN= Roferon-A	For use in combination with fluorouracil for the treatment of esophageal carcinoma.	Hoffmann-La Roche, Inc. 340 Kingsland Street Nutley, NJ 07110 DD=10/27/1989 MA= //
Interferon alfa-2a (recombinant) TN= Roferon-A	For the concomitant administration with fluorouracil for the treatment of advanced colorectal cancer.	Hoffmann-La Roche, Inc. 340 Kingsland Street Nutley, NJ 07110 DD=05/14/1990 MA= //
Interferon alfa-2a (recombinant) TN= Roferon-A	For the concomitant administration with Teceleukin for the treatment of metastatic renal cell carcinoma.	Hoffmann-La Roche, Inc. 340 Kingsland Street Nutley, NJ 07119 DD=05/02/1990 MA= / /
Interferon alfa-2a (recombinant) TN= Roferon-A	For the treatment of metastatic malignant melanoma in combination with Teceleukin.	Hoffmann-La Roche, Inc. 340 Kingsland Street Nutley, NJ 07110 DD=05/11/1990 MA= / /
Interferon alfa-2b (recombinant) TN= Intron A	Treatment of AIDS-related Kaposi's sarcoma.	Schering Corporation 2000 Galloping Hill Road Kenilworth, NJ 07033 DD=06/24/1987 MA=11/21/1988
Interferon beta (recombinant human) TN= Avonex	Treatment of primary brain tumors.	Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142 DD=01/13/1993 MA= / /
Interferon beta-1a TN= Avonex	Treatment of multiple sclerosis.	Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142 DD=12/16/1991 MA=05/17/1996
Interferon beta-la TN= Rebif	Treatment of patients with secondary progressive multiple sclerosis.	Serono Laboratories, Inc. 100 Longwater Circle Norwell, MA 02061 DD=03/11/1996 MA= //
Interferon beta-1a (recombinant human) TN=	Treatment of acute non-A, non-B hepatitis.	Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142 DD=07/24/1992 MA= / /

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Interferon beta-1a (recombinant	Treatment of pulmonary fibrosis.	Biogen, Inc.
human)		14 Cambridge Center
TN= Avonex		Cambridge, MA 02142
		DD=01/07/1999 MA= / /
Interferon beta-1a	Treatment of symptomatic patients with AIDS including all	Serono Laboratories, Inc.
(recombinant)	patients with CD4 T-cell counts less than 200 cells per mm3.	100 Longwater Circle
TN= Rebif		Norwell, MA 02061
		DD=12/02/1992 MA= / /
Interferon beta-1 b	Treatment of multiple sclerosis.	Chiron Corp. & Berlex Laboratories
TN= Betaseron	•	4560 Horton Street
		Emeryville, CA 94608
•		DD=11/17/1988 MA=07/23/1993
Interferon gamma 1-b	Treatment of chronic granulomatous disease.	Genentech, Inc.
TN= Actimmune		460 Point San Bruno Boulevard
		South San Francisco, CA 94080
		DD=09/30/1988 MA=12/20/1990
Interferon gamma-1b	Treatment of renal cell carcinoma.	Genentech, Inc.
TN= Actimmune		1 DNA Way
		South San Francisco, CA 94080
		DD=12/04/1995 MA= / /
Interferon gamma-1b	Treatment of severe congenital osteopetrosis.	InterMune Pharmaceuticals, Inc.
TN= Actimmune		2483 East Bayshore Rd., #103
		Palo Alto, CA 94303
		DD=09/30/1996 MA= / /
Interleukin-1 receptor	Treatment of juvenile rheumatoid arthritis.	Amgen, Inc.
antagonist, human recombinant		1840 DeHavilland Drive
TN= Antril		Thousand Oaks, CA 91320
		DD=09/23/1991 MA= / /
Interleukin-1 receptor	Prevention and treatment of graft versus host disease in	Amgen, Inc.
antagonist, human recombinant	transplant recipients.	1840 DeHavilland Dr.
TN= Antril		Thousand Oaks, CA 91320
		DD=10/16/1992 MA= / /
Interleukin-2	Treatment of metastatic renal cell carcinoma.	Hoffmann-La Roche, Inc.
TN= Teceleukin		340 Kingsland Street
		Nutley, NJ 07110
		DD=02/05/1990 MA= / /
Interleukin-2	Treatment of metastatic malignant melanoma.	Hoffmann-La Roche, Inc.
TN= Teleleukin		340 Kingsland Street
		Nutley, NJ 07110
		DD=02/06/1990 MA= / /
Interleukin-2	In combination with interferon alfa-2a for the treatment of	Hoffmann-La Roche, Inc.
TN= Teceleukin	metastatic renal cell carcinoma.	340 Kingsland Street
		Nutley, NJ 07110
		DD=05/03/1990 MA= / /

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Interleukin-2	In combination with interferon alfa-2a for the treatment of	Hoffmann-La Roche, Inc.
TN= Teceleukin	metastatic malignant melanoma.	340 Kingsland Street
		Nutley, NJ 07110
		DD=05/11/1990 MA= / /
Iobenguane Sulfate I 131	For use as a diagnostic adjunct in patients with	CIS-US, Inc.
TN=	pheochromocytoma.	10 De Angelo Drive
		Bedford, MA 01730
		DD=11/14/1984 MA=03/25/1994
Iodine 131	For use in adrenal cortical imaging.	Beierwaltes, William M.D.
6B-iodomethyl-19-norcholester		University of Michigan Medical Center
ol		B1G412 /0028 University Hospital
TN=		Ann Arbor, MI 48109
		DD=08/01/1984 MA= / /
Iodine I 123 murine monoclonal	Detection of hepatocellular carcinoma and hepatoblastoma.	Immunomedics, Inc.
antibody to alpha-fetoprotein		300 American Road
TN=		Morris Plains, NJ 07950
		DD=09/30/1988 MA= / /
Iodine I 123 murine monoclonal	Detection of alpha-fetoprotein producing germ cell tumors.	Immunomedics, Inc.
antibody to alpha-fetoprotein		300 American Road
TN=		Morris Plains, NJ 07950
		DD=09/30/1988 MA= / /
Iodine I 123 murine monoclonal	Detection of hCG producing tumors such as germ cell and	Immunomedics, Inc.
antibody to hCG	trophoblastic cell tumors.	300 American Road
TN=		Morris Plains, NJ 07950
		DD=11/07/1988 MA= / /
Iodine I 131 murine monoclonal	Treatment of B-cell leukemia and B-cell lymphoma.	Immunomedics, Inc.
antibody IgG2a to B cell		300 American Road
TN= Immurait, L1-2-I-131		Morris Plains, NJ 07950
		DD=09/18/1989 MA= / /
Iodine I 131 murine monoclonal	Treatment of hepatocellular carcinoma and hepatoblastoma.	Immunomedics, Inc.
antibody to alpha-fetoprotein	•	300 American Road
TN=		Morris Plains, NJ 07950
		DD=09/30/1988 MA= / /
Iodine I 131 murine monoclonal	Treatment of alpha-fetoprotein producing germ cell tumors.	Immunomedics, Inc.
antibody to alpha-fetoprotein		300 American Road
TN=		Morris Plains, NJ 07950
		DD=09/30/1988 MA= / /
Iodine I 131 murine monoclonal	Treatment of hCG producing tumors such as germ cell and	Immunomedics, Inc.
antibody to hCG	trophoblastic cell tumors.	300 American Road
TN=		Morris Plains, NJ 07950
		DD=11/07/1988 MA= / /

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Iodine I-131 radiolabeled	Treatment of glioblastoma multiforme and anaplastic	Techniclone Corporation
chimeric MAb tumor necrosis	astrocytoma.	14282 Franklin Ave.
treatment (TNT-1B)		Tustin, CA 92780
TN= 131IchTNT-1		DD=02/12/1999 MA= / /
Isobutyramide	Treatment of beta-hemoglobinopathies and beta-thalassemia	Perrine, Susan P., M.D.
TN= Isobutyramide oral	syndromes.	Boston University
solution		Cancer Research Center
		Boston, MA 02118
		DD=12/18/1992 MA= / /
Isobutyramide	Treatment of sickle cell disease and beta thalassemia.	Alpha Therapeutic Corporation
TN=		5555 Valley Boulevard
		Los Angeles, CA 90032
		DD=05/25/1994 MA= / /
Japanese encephalitis vaccine	Prevention of Japanese encephalitis.	Boran Pharmaceuticals
(live, attenuated)	**************************************	3F, Koryo Academytel, 437-3
TN=		Ahyun-Dong, Mapo-Gu, Seoul 121-010
		South Korea, KR
	•	DD=05/19/1999 MA= / /
L-2-oxothiazolidine-4-carboxyli	Treatment of adult respiratory distress syndrome.	Transcend Therapeutics, Inc.
c acid		640 Memorial Drive, 3rd Floor West
TN= Procysteine		Cambridge, MA 02139
		DD=06/14/1994 MA= / /
L-2-oxothiazolidine-4-carboxyli	Treatment of amyotrophic lateral sclerosis.	Transcend Therapeutics, Inc.
c acid		640 Memorial Drive, 3rd Floor West
TN= Procysteine		Cambridge, MA 02139
Tiv Trooystonio		DD=07/30/1996 MA= / /
L-5 hydroxytryptophan	Treatment of postanoxic intention myoclonus.	Circa Pharmaceuticals, Inc.
TN=		33 Ralph Avenue
		P.O. Box 30
		Copiaque, NY 11726
		DD=11/01/1984 MA= / /
L-5-hydroxytryptophan	Treatment of tetrahydrobiopterin deficiency.	Watson Laboratories, Inc.
TN=		311 Bonnie Circle
		P.O. Box 1900
		Corona, CA 91718
		DD=01/20/1999 MA= / /
L-baclofen	Treatment of trigeminal neuralgia.	Fromm, Gerhard M.D.
TN=		University Of Pittsburgh School of
		Medicine
		Pittsburgh, PA 15261
		DD=07/13/1990 MA= / /

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NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
L-baclofen TN= Neuralgon	Treatment of intractable spasticity associated with spinal cord injury or multiple sclerosis.	Pharmascience Laboratories 8400 Darnley Road Montreal, Quebec H4T 1M4 Canada, DD=12/17/1991 MA= / /
L-baclofen TN= Neuralgon	Treatment of intractable spasticity in children with cerebral palsy.	Pharmascience Labs 8400 Darnley Road Montreal, Quebec H4T 1M4 Canada, DD=01/30/1992 MA= / /
L-baclofen TN=	Treatment of trigeminal neuralgia.	Pharmascience Inc. 6111 Royalmount, #100 Montreal, Quebec Canada H4P 2T4, DD=01/06/1998 MA= / /
L-cycloserine TN=	Treatment of Gaucher's disease.	Lev, Meir M.D. The City College, City University Of NY Medical School Convent Avenue at 138 Street New York, NY 10031 DD=08/01/1989 MA= / /
L-cysteine TN=	For the prevention and lessening of photosensitivity in erythropoietic protoporphyria.	Micheline M. Mathews-Roth, MD Channing Laboratory, Brigham and Women's Hospital 181 Longwood Avenue Boston, MA 02115 DD=05/16/1994 MA= / /
L-glutamyl-L-tryptophan TN=	Treatment of AIDS-related Kaposi's sarcoma.	Cytran Incorporated 10230 N.E. Points Dr. Suite 530 Kirkland, WA 98033 DD=10/20/1999 MA= / /
L-leucovorin TN= Isovorin	For use in conjunction with high-dose methotrexate in the treatment of osteosarcoma.	Lederle Laboratories Division of American Cyanamid Company 401 N. Middletown Road Pearl River, NY 10965 DD=08/01/1991 MA= / /
L-leucovorin TN= Isovorin	For use in combination chemotherapy with the approved agent 5-fluorouracil in the palliative treatment of metastatic adenocarcinoma of the colon and rectum.	Lederle Laboratories Division of American Cyanamid Company 401 N. Middletown Road Pearl River, NY 10965 DD=12/18/1990 MA= / /

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L-threonine	Treatment of amyotrophic lateral sclerosis.	Tyson And Associates
TN= Threostat		12832 Chadron Avenue
		Hawthorne, CA 90250
		DD=02/06/1989 MA= / /
L-threonine	Treatment of spasticity associated with familial spastic	Interneuron Pharmaceuticals, Inc.
TN=	paraparesis.	One Ledgement Center
	• •	99 Hayden Avenue, Suite 200
		Lexington, MA 02173
		DD=07/24/1992 MA= / /
Lactic acid	Treatment of severe aphthous stomatitis in severely, terminally	Frontier Pharmaceutical, Inc.
TN= Aphthaid	immunocompromised patients.	SUNY Farmingdale
1	•	Conklin Hall
		Farmingdale, NY 11735
		DD=06/29/1999 MA= / /
Lactobin	Treatment of AIDS-associated diarrhea unresponsive to initial	Roxane Laboratories, Inc.
TN= Lactobin	antidiarrheal therapy.	1809 Wilson Road
		P.O. Box 16532
		Columbus, OH 43216
		DD=09/12/1990 MA= / /
Lamotrigine	Treatment of Lennox-Gastaut syndrome.	Glaxo Wellcome Research and Development
TN= Lamictal		5 Moore Drive
		P.O. Box 13398
		Research Triangle Park, NC 27709
		DD=08/23/1995 MA=08/24/1998
Leflunomide	Prevention of acute and chronic rejection in patients who have	Williams, MD, James W.
TN=	received solid organ transplants.	Rush-Presbyterian-St. Luke's Medical Ctr.,
		Dept. of General Surgery
		1653 West Congress Parkway
		Oak Park, IL 60302
		DD=10/18/1996 MA= / /
Lepirudin	Treatment of heparin-associated thrombocytopenia type II.	Hoechst Marion Roussel
TN= Refluden		Frankfurt am Main
		Germany
		, DD=02/13/1997 MA=03/06/1998
Leucovorin	For use in combination with 5-fluorouracil for the treatment of	Immunex Corporation
TN= Leucovorin calcium	metastatic colorectal cancer.	51 University Street
		Seattle, WA 98101
		DD=12/08/1986 MA=12/12/1991
Leucovorin	For rescue use after high dose methotrexate therapy in the	Immunex Corporation
TN= Leucovorin calcium	treatment of osteosarcoma.	51 University Street
		Seattle, WA 98101
		DD=08/17/1988 MA=08/31/1988

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Leupeptin TN=	For use as an adjunct to microsurgical peripheral nerve repair.	Neuromuscular Adjuncts, Inc. S.U.N.Y. at Stony Brook H.S.C. T18-020 Stony Brook, NY 11794
Leuprolide acetate TN= Lupron Injection	Treatment of central precocious puberty.	DD=09/18/1990 MA= / / Tap Pharmaceuticals, Inc. 2355 Waukegan Road Deerfield, IL 60015 DD=07/25/1988 MA=04/16/1993
Levocarnitine TN= Carnitor	Treatment of genetic carnitine deficiency.	Sigma-Tau Pharmaceuticals, Inc. 800 South Frederick Avenue Gaithersburg, MD 20877 DD=02/28/1984 MA=04/10/1986
Levocarnitine TN= Carnitor	Treatment of primary and secondary carnitine deficiency of genetic origin.	Sigma-Tau Pharmaceuticals, Inc. 800 South Frederick Avenue Gaithersburg, MD 20877 DD=07/26/1984 MA=12/16/1992
Levocarnitine TN= Carnitor	Treatment of manifestations of carnitine deficiency in patients with end stage renal disease who require dialysis.	Sigma-Tau Pharmaceuticals, Inc. 800 South Frederick Avenue, Suite 300 Gaithersburg, MD 20877 DD=09/06/1988 MA=12/15/1999
Levocarnitine TN= Carnitor	For the prevention of secondary carnitine deficiency in valproic acid toxicity.	Sigma-Tau Pharmaceuticals, Inc. 800 South Frederick Avenue Gaithersburg, MD 20877 DD=11/15/1989 MA= / /
Levocarnitine TN= Carnitor	For the treatment of secondary carnitine deficiency in valproic acid toxicity.	Sigma-Tau Pharmaceuticals, Inc. 800 South Frederick Avenue Gaithersburg, MD 20877 DD=11/15/1989 MA= //
Levocarnitine TN= Carnitor	Treatment of pediatric cardiomyopathy.	Sigma-Tau Pharmaceuticals, Inc. 800 South Frederick Avenue Gaithersburg, MD 20877 DD=11/22/1993 MA= //
Levocarnitine TN= Carnitor	Treatment of zidovudine-induced mitochondrial myopathy.	Sigma-Tau Pharmaceuticals, Inc. 800 S. Frederick Avenue, Suite 300 Gaithersburg, MD 20877 DD=04/07/1997 MA= //
Levomethadyl acetate hydrochloride TN= Orlaam	Treatment of heroin addicts suitable for maintenance on opiate agonists.	Biodevelopment Corporation 8180 Greensboro Drive, Suite 1000 McLean, VA 22102 DD=01/24/1984 MA=07/09/1993

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NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Lidocaine patch 5% TN= Lidoderm Patch	For relief of allodynia (painful hypersensitivity), and chronic pain in post-herpetic neuralgia.	Hind Health Care, Inc. 3707 Williams Rd., Suite 101 San Jose, CA 95117 DD=10/24/1995 MA=03/19/1999
Liothyronine sodium injection TN= Triostat	Treatment of myxedema coma/precoma.	SmithKline Beecham Pharmaceuticals One Franklin Plaza P.O. Box 7929 Philadelphia, PA 19101 DD=07/30/1990 MA=12/31/1991
Lipid/DNA human cystic fibrosis gene TN=	Treatment of cystic fibrosis.	Genzyme Corporation One Mountain Road P.O. Box 9322 Framingham, MA 01701 DD=04/08/1996 MA= / /
Liposomal N-Acetylglucosminyl-N-Acetyl muramly-L-Ala-D-isoGln-L-Al a -gylcerolidpalmitoyl TN= ImmTher	Treatment of osteosarcoma.	Endorex Corp.  900 North Shore Drive  Lake Bluff, IL 60044  DD=06/10/1998 MA= / /
Liposomal N-Acetylglucosminyl-N-Acetyl muramly-L-Ala-D-isoGln-L-Al a -gylcerolidpalmitoyl TN= ImmTher	Treatment of Ewing's sarcoma.	Endorex Corp. 900 North Shore Drive Lake Bluff, IL 60044 DD=06/10/1998 MA= / /
Liposomal amphotericin B TN= AmBisome	Treatment of cryptococcal meningitis.	Fujisawa USA, Inc. 3 Parkway North Center Deerfield, IL 60015 DD=12/10/1996 MA=08/11/1997
Liposomal amphotericin B TN= AmBisome	Treatment of visceral leishmaniasis.	Fujisawa USA, Inc. 3 Parkway North Center Deerfield, IL 60015 DD=12/06/1996 MA=08/11/1997
Liposomal amphotericin B TN= AmBisome	Treatment of histoplasmosis.	Fujisawa USA, Inc. 3 Parkway North Center Deerfield, IL 60015 DD=12/10/1996 MA= / /
Liposomal cyclosporin A TN= Cyclospire	For aerosolized administration in the prevention and treatment of lung allograft rejection and pulmonary rejection events associated with bone marrow transplantation.	Vernon Knight, M.D. Baylor College of Medicine, Dept. of Molecular Physiology One Baylor Plaza Houston, TX 77030 DD=04/30/1998 MA= / /

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NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Liposomal-cis-bis-neodecanoat o-trans-R,R-1,2-diaminocyclohe xane-Pt (II) TN=	Treatment of malignant mesothelioma.	Aronex Pharmaceuticals, Inc. 8707 Technology Forest Place The Woodlands, TX 77381 DD=09/01/1999 MA= / /
Liposome encapsulated recombinant interleukin-2 TN=	Treatment of brain and CNS tumors.	Biomira USA, Inc. 1002 Eastpark Boulevard Cranbury, NJ 08512 DD=11/25/1991 MA= / /
Liposome encapsulated recombinant interleukin-2	Treatment of cancers of the kidney and renal pelvis.	Biomira USA, Inc. 1002 Eastpark Boulevard Cranbury, NJ 08512 DD=06/20/1994 MA= //
Lisofylline TN=	Treatment of patients undergoing induction therapy for acute myeloid leukemia.	Cell Therapeutics, Inc. 201 Elliot Ave. W., Suite 400 Seattle, WA 98119 DD=06/10/1999 MA= / /
Lodoxamide tromethamine TN= Alomide Ophthalmic Solution	Treatment of vernal keratoconjunctivitis.	Alcon Laboratories, Inc. 6201 South Freeway Fort Worth, TX 76134 DD=10/16/1991 MA=09/23/1993
Lucinactant TN= Surfaxin	Treatment of acute respiratory distress syndrome in adults.	Discovery Laboratories, Inc. 350 South Main Street Suite 307 Doylestown, PA 18901 DD=07/17/1995 MA= //
Lucinactant TN= Surfaxin	Treatment of respiratory distress syndrome in premature infants.	Discovery Laboratories, Inc. 350 South Main Street Suite 307 Doylestown, PA 18901 DD=10/18/1995 MA= / /
Lucinactant TN= Surfaxin	Treatment of meconium aspiration syndrome in newborn infants.	Discovery Laboratories, Inc. 350 South Main Street Suite 307 Doylestown, PA 18901 DD=07/30/1996 MA= / /
MART-1 adenoviral gene therapy for malignant melanoma TN=	Treatment of metastatic melanoma.	Genzyme Corporation One Mountain Road P.O. Box 9322 Framingham, MA 01701 DD=03/28/1997 MA= / /
MN14 monoclonal antibody to carcinoembryonic antigen TN= Cea-Cide	For the treatment of small cell lung cancer.	Immunomedics, Inc. 300 American Rd. Morris Plains, NJ 07950 DD=09/18/1998 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
MN14 monoclonal antibody to carcinoembryonic antigen TN= Cea-Cide	Treatment of pancreatic cancer.	Immunomedics, Inc. 300 American Road Morris Plains, NJ 07950 DD=11/24/1998 MA= / /
Mafenide acetate solution TN= Sulfamylon solution	For use as an adjunctive topical antimicrobial agent to control bacterial infection when used under moist dressings over meshed autografts on excised burn wounds.	Mylan Laboratories, Inc. 781 Chestnut Ridge Road P.O. Box 4310 Morgantown, WV 26504 DD=07/18/1990 MA=06/05/1998
Marijuana TN=	Treatment of HIV-associated wasting syndrome.	Multidisciplinary Association for Psychedelic Studies, Inc. 3 Francis St. Belmont, MA 02478 DD=05/25/1999 MA= / /
Matrix metalloproteinase inhibitor TN= Galardin	Treatment of corneal ulcers.	Glycomed, Inc 860 Atlantic Avenue Alameda, CA 94501 DD=12/05/1991 MA= //
Mazindol TN= Sanorex	Treatment of Duchenne muscular dystrophy.	Collipp, Platon J. M.D. 176 Memorial Drive Jesup, GA 31545 DD=12/08/1986 MA= / /
Mecamylamine TN= Inversine	Treatment of Tourette's syndrome.	Layton Bioscience, Inc. 105 Reservoir Rd. Atherton, CA 94027 DD=10/14/1998 MA= //
Mecasermin TN= Myotrophin	Treatment of amyotrophic lateral sclerosis.	Cephalon, Inc. 145 Brandywine Parkway West Chester, PA 19380 DD=08/05/1991 MA= / /
Mecasermin TN=	Treatment of growth hormone insufficency syndrome.	Genentech, Inc. 460 Point San Bruno Boulevard South San Francisco, CA 94080 DD=12/12/1995 MA= / /
Mefloquine HCl TN= Mephaquin	Treatment of chloroquine-resistant Falciparummalaria.	Mepha AG 4143 Dornach POSTFASH 137 Aesch Basel, Switzerland, DD=07/22/1987 MA= / /
Mefloquine HCl TN= Mephaquin	Prevention of chloroquine-resistant Falciparum malaria.	Mepha AG 4143 Dornach POSTFASH 137 Aesch Basel, Switzerland, DD=07/22/1987 MA= / /

NAME Generic Name TN=Trade Name	Inrough December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Mefloquine HCl	Treatment of acute malaria due to Plasmodium falciparum and	Hoffmann-La Roche, Inc.
TN= Lariam	Plasmodium vivax.	340 Kingsland Street
		Nutley, NJ 07110
		DD=04/13/1988 MA=05/02/1989
Mefloquine HCl	Prophylaxis of Plasmodium falciparum malaria which is	Hoffmann-La Roche, Inc.
TN= Lariam	resistant to other available drugs.	340 Kingsland Street
		Nutley, NJ 07110
		DD=04/13/1988 MA=05/02/1989
Megestrol acetate	Treatment of patients with anorexia, cachexia, or significant	Bristol-Myers Squibb Pharmaceutical
TN= Megace	weight loss (=/>10% of baseline body weight) and confirmed	Research Institute
	diagnosis of AIDS.	2400 West Lloyd Expressway
		Evansville, IN 47721
		DD=04/13/1988 MA=09/10/1993
Melanoma cell vaccine TN=	Treatment of invasive melanoma.	Morton, Donald L. M.D.  John Wayne Cancer Institute
		St. John's Hospital and Health Center, 1328
		22nd Street
		Santa Monica, CA 90404
		DD=10/13/1994 MA= / /
Melanoma vaccine	Treatment of stage III - IV melanoma.	Ribi ImmunoChem Research, Inc.
TN= Melacine		533 Old Corvallis Road
		Hamilton, MT 59840
		DD=12/20/1989 MA= / /
Melatonin	Treatment of circadian rhythm sleep disorders in blind people	Sack, Robert, M.D.
TN=	with no light perception.	Oregon Health Sciences University
		3181 S.W. Sam Jackson Park Road
		Portland, OR 97201
		DD=11/15/1993 MA= / /
Melphalan	Treatment of patients with multiple myeloma for whom oral	Glaxo Wellcome Inc.
TN= Alkeran For Injection	therapy is inappropriate.	5 Moore Drive
J		Research Triangle Park, NC 27709
		DD=02/24/1992 MA=11/18/1992
Mesna	For use as a prophylactic agent in reducing the incidence of	Degussa Corporation
TN= Mesnex	ifosfamide-induced hemorrhagic cystitis.	65 Challenger Road
		Ridgefield Park, NJ 07660
		DD=11/14/1985 MA=12/30/1988
Mesna	Inhibition of the urotoxic effects induced by oxazaphosphorine	Asta Medica , Inc.
TN=	compounds such as cyclophosphamide.	890 East St.
		Tewksbury, MA 01876
		DD=12/16/1987 MA= / /
Methionine/L-methionine	Treatment of AIDS myelopathy.	Di Rocco, Alessandro M.D.
TN=	T	Beth Israel Medical Center, Phillips
		Ambulatory Care Ctr.
		Philips Building, Suite 2Q; 10 Union Square
		East
		New York, NY 10003

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
		DD=08/21/1996 MA= / /
Methotrexate sodium TN= Methotrexate	Treatment of osteogenic sarcoma.	Lederle Laboratories Division of American Cyanamid Company 401 N. Middletown Road Pearl River, NY 10965 DD=10/21/1985 MA=04/07/1988
Methotrexate with laurocapram TN= Methotrexate/azone	Topical treatment of mycosis fungoides.	Durham Pharmaceuticals LLC 200 Westpark Corporate Center 4364 South Alston Avenue Durham, NC 27713 DD=10/15/1990 MA= //
Methoxsalen TN= Uvadex	For use in conjunction with the UVAR photopheresis system to treat graft versus host disease.	Therakos, Inc. 437 Creamery Way Exton, PA 19431 DD=10/14/1998 MA= / /
Metronidazole TN= Metrogel	Treatment of perioral dermatitis.	Galderma Laboratories, Inc. P.O. Box 331329 Fort Worth, TX 76163 DD=10/24/1991 MA= / /
Metronidazole (topical) TN= Metrogel	Treatment of acne rosacea.	Galderma Laboratories, Inc. P.O. Box 331329 Fort Worth, TX 76163 DD=10/22/1987 MA=11/22/1988
Microbubble contrast agent TN= Filmix Neurosonographic Contrast Agent	Intraoperative aid in the identification and localization of intracranial tumors.	Cav-Con, Inc. 55 Knollwood Road Farmington, CT 06032 DD=11/16/1990 MA= / /
Midodrine HCl TN= Amatine	Treatment of patients with symptomatic orthostatic hypotension.	Roberts Pharmaceutical Corp.  Meridian Center III 6 Industrial Way West Eatontown, NJ 07724 DD=12/05/1996 MA=09/06/1996
Mitoguazone TN= Zyrkamine	Treatment of diffuse non-Hodgkin's lymphoma, including AIDS-related diffuse non-Hodgkin's lymphoma.	ILEX Oncology, Inc. 11550 IH 10 West, Suite 300 San Antonio, TX 78230 DD=03/18/1994 MA= / /
Mitolactol TN=	Treatment of recurrent invasive or metastatic squamous carcinoma of the cervix.	Biopharmaceutics, Inc. 990 Station Road Bellport, NY 11713 DD=01/23/1989 MA= / /
Mitolactol TN=	As adjuvant therapy in the treatment of primary brain tumors.	Biopharmaceutics, Inc. 990 Station Road Bellport, NY 11713 DD=07/12/1995 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Mitomycin-C TN=	Treatment of refractory glaucoma as an adjunct to ab externo glaucoma surgery.	IOP Inc. 3100 Airway Avenue, Suite 106 Costa Mesa, CA 92626 DD=08/20/1993 MA= / /
Mitoxantrone TN= Novantrone	Treatment of hormone refractory prostate cancer.	Immunex Corporation 51 University Street Seattle, WA 98101 DD=08/21/1996 MA=11/13/1996
Mitoxantrone TN= Novantrone	Treatment of secondary-progressive multiple sclerosis.	Immunex Corporation 51 University St. Seattle, WA 98101 DD=08/13/1999 MA= / /
Mitoxantrone TN= Novantrone	Treatment of progressive-relapsing multiple sclerosis.	Immunex Corporation 51 University St. Seattle, WA 98101 DD=08/13/1999 MA= / /
Mitoxantrone HCl TN= Novantrone	Treatment of acute myelogenous leukemia, also referred to as acute nonlymphocytic leukemia.	Lederle Laboratories Division of American Cyanamid Company 401 N. Middletown Road Pearl River, NY 10965 DD=07/13/1987 MA=12/23/1987
Modafinil TN= Provigil	Treatment of excessive daytime sleepiness in narcolepsy.	Cephalon, Inc. 145 Brandywine Parkway West Chester, PA 19380 DD=03/15/1993 MA=12/24/1998
Monoclonal antibodies PM-81 and AML-2-23 TN=	For the exogenous depletion of CD14 and CD15 positive acute myeloid leukemic bone marrow cells from patients undergoing bone marrow transplantation.	Medarex, Inc. 1545 Route 22 East PO Box 953 Annandale, NJ 08801 DD=03/12/1990 MA= / /
Monoclonal antibody PM-81 TN=	Adjunctive treatment of acute myelogenous leukemia.	Medarex, Inc. 1545 Route 22 East PO Box 953 Annandale, NJ 08801 DD=06/27/1991 MA= / /
Monoclonal antibody for immunization against lupus nephritis	Treatment of lupus nephritis.	VivoRx Autoimmune, Inc. 2825 Santa Monica Blvd., Suite 200 Santa Monica, CA 90404 DD=01/07/1993 MA= //
Monoclonal antibody to hepatitis B virus (human) TN=	Prophylaxis of hepatitis B reinfection in patients undergoing liver transplantation secondary to end-stage chronic hepatitis B infection.	Protein Design Labs, Inc. 34801 Campus Dr. Fremont, CA 94555 DD=06/17/1991 MA= / /

Through December 31, 1999 NAME SPONSOR & ADDRESS Generic Name DD=Date Designated INDICATION DESIGNATED TN=Trade Name MA=Marketing Approval AltaRex US Corp. Treatment of epithelial ovarian cancer. Monoclonal antibody-B43.13 Suite 125, 303 Wyman Street TN= Ovarex MAb-B43.13 Waltham, MA 02451 DD=11/25/1996 MA= / / Glaxo Wellcome Inc. Treatment of congenital primary ichthyosis. Monolaurin 5 Moore Drive TN= Glylorin PO Box 13398 Research Triangle Park, NC 27709 DD=04/29/1993 MA= / / Ethitek Pharmaceuticals, Inc. For dissolution of cholesterol gallstones retained in the common Monooctanoin 7855 Gross Point Road, Unit L bile duct. TN= Moctanin Skokie, IL 60077 DD=05/30/1984 MA=10/31/1985 Elkins-Sinn, Inc. For use in microinfusion devices for intraspinal administration Morphine sulfate concentrate 2 Esterbrook Lane in the treatment of intractable chronic pain. (preservative free) Cherry Hill, NJ 08003 TN= Infumorph DD=07/12/1990 MA=07/19/1991 For establishment and maintenance of total parenteral nutrition Astra Pharmaceuticals, L.P. Multi-vitamin infusion 725 Chesterbrook Blvd. in very low birth weight infants. (neonatal formula) Wayne, PA 19087 TN=DD=12/12/1989 MA= / / Berlex Laboratories Murine MAb (Lym-1) and Treatment of B-cell non-Hodgkin's lymphoma. 15049 San Pablo Ave. Iodine 131-I radiolabeled PO Box 4099 murine MAb (Lym-1) to human Richmond, CA 94804 B-cell lymphoma DD=11/27/1998 MA= / / TN= Oncolym Adjuvant treatment of ovarian cancer. Antisoma Murine MAb to polymorphic West Africa House epithelial mucin, human milk Hanger Lane fat globule 1 London W5 3QR, GB TN= Theragyn DD=03/22/1999 MA= / / Statens Seruminstitut For use in the diagnosis of invasive Mycobacterium avium Mycobacterium avium sensitin 5 Artillerivej RS-10 disease in immunocompetent individuals. DK-2300 Copenhagen S TN= Denmark, DD=10/11/1995 MA= / / Prevention of life-threatening ventricular arrhythmias in patients NAPA of the Bahamas N-acetyl-procainamide with documented procainamide-induced lupus. 3560 Pennsylvania Avenue, Suite 7 TN= Dubuque, IA 52002 DD=12/10/1996 MA= / / BioMarin Pharmaceutical, Inc. N-acetylgalactosamine-4-sulfata Treatment of mucopolysaccharidosis Type VI (Maroteaux-Lamy 11 Pimental Court se, recombinant human syndrome). Novato, CA 94949 TN= DD=02/17/1999 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
NG-29 TN= Somatrel	Diagnostic measure of the capacity of the pituitary gland to release growth hormone.	Ferring Laboratories, Inc. 400 Rella Boulevard, Suite 201 Suffern, NY 10901 DD=08/08/1989 MA= / /
Nafarelin acetate TN= Synarel Nasal Solution	Treatment of central precocious puberty.	Syntex (USA), Inc. 3401 Hillview Avenue Palo Alto, CA 94303 DD=07/20/1988 MA= / /
Naltrexone HCl TN= Trexan	For blockade of the pharmacological effects of exogenously administered opioids as an adjunct to the maintenance of the opioid-free state in detoxified formerly opioid-dependent individuals.	DuPont Pharmaceuticals E.I. Du Pont De Nemours & Co. Wilmington, DE 19880 DD=03/11/1985 MA=11/30/1984
Nebacumab TN= Centoxin	Treatment of patients with gram-negative bacteremia which has progressed to endotoxin shock.	Centocor, Inc. 200 Great Valley Parkway Malvern, PA 19355 DD=10/01/1986 MA= / /
Neurotrophin-1 TN=	Treatment of motor neuron disease/amyotrophic lateral sclerosis.	Ericsson, Arthur Dale, M.D. 6560 Fannin, Scurlock Tower, Suite 720 Houston, TX 77303 DD=09/13/1994 MA= //
Nifedipine TN=	Treatment of interstitial cystitis.	Fleischmann, Jonathan M.D. MetroHealth Medical Center 3395 Scranton Road Cleveland, OH 44109 DD=06/13/1991 MA= / /
Nitazoxanide TN= Cryptaz	Treatment of immunocompromised patients with cryptosporidiosis.	Romark Laboratories, L.C. 6200 Courtney Campbell Causeway Suite 880 Tampa, FL 33607 DD=12/12/1996 MA= //
Nitisinone TN= Orfandin	Treatment of tyrosinemia type 1.	Swedish Orphan AB Stureplan 15, IV S-111 45 Stockholm Sweden, DD=05/16/1995 MA= / /
Nitric oxide TN= INOmax	Treatment of persistent pulmonary hypertension in the newborn.	INO Therapeutics, Inc. 54 Old Highway 22 Clinton, NJ 08809 DD=06/22/1993 MA=12/23/1999
Nitric oxide TN=	Treatment of acute respiratory distress syndrome in adults.	INO Therapeutics, Inc. 54 Old Highway 22 Clinton, NJ 08809 DD=07/10/1995 MA= / /

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NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
OM 401	Prophylactic treatment of sickle cell disease.	Omex International, Inc.
TN= Drepanol		6001 Savoy, Suite 110
Tre Bropanor		Houston, TX 77036
		DD=10/24/1991 MA= / /
Octreotide	Treatment of acromegaly.	Novartis Pharmaceuticals Corporation
TN= Sandostatin LAR		59 Route 10
		East Hanover, NJ 07936
		DD=08/24/1998 MA=11/25/1998
Octreotide TN= Sandostatin LAR	Treatment of severe diarrhea and flushing associated with malignant carcinoid tumors.	Novartis Pharmaceuticals Corporation 59 Route 10
	·	East Hanover, NJ 07936
•		DD=08/24/1998 MA=11/25/1998
Octreotide	Treatment of diarrhea associated with vasoactive intestinal	Novartis Pharmaceuticals Corporation
TN= Sandostatin LAR	peptide tumors (VIPoma).	59 Route 10
		East Hanover, NJ 07936
		DD=08/24/1998 MA=11/25/1998
Ofloxacin	Treatment of bacterial corneal ulcers.	Allergan, Inc.
TN= Ocuflox Ophthalmic		2525 Dupont Drive
Solution		P.O. Box 19534
		Irvine, CA 92713
		DD=04/18/1991 MA=05/22/1996
Omega-3 (n-3) polyunsaturated	Prevention of organ graft rejection.	Research Triangle Pharmaceuticals
fatty acid with all double bonds		4364 South Alston Avenue
in the cis configuration		Durham, NC 27713
TN=		DD=11/22/1995 MA= / /
Oncorad Ov103	Treatment of ovarian cancer.	Cytogen Corporation
TN=		600 College Road East
-		Princeton, NJ 08540
		DD=04/24/1990 MA= / /
Oprelvekin	Prevention of severe chemotherapy-induced thrombocytopenia.	Genetics Institute, Inc.
TN= Neumega		87 Cambridge Park Drive
		Cambridge, MA 02140
		DD=12/17/1996 MA=11/25/1997
Oxaliplatin	Treatment of ovarian cancer.	Debio Pharm S.A.
TN=		Rue des Terreaux 17 CH-1000
		Lausanne 9 Switzerland,
		DD=10/06/1992 MA= / /
Oxandrolone	Adjunctive therapy for AIDS patients suffering from	Bio-Technology General Corp.
TN= Oxandrin	HIV-wasting syndrome.	70 Wood Avenue, South
	· ·	Iselin, NJ 08830
		DD=09/06/1991 MA= / /

NAME Canada Nama	Through December 31, 1999	SPONSOR & ADDRESS
Generic Name TN=Trade Name	INDICATION DESIGNATED	DD=Date Designated MA=Marketing Approval
Oxandrolone	Treatment of moderate/severe acute alcoholic hepatitis in the	Bio-Technology General Corp.
TN= Hepandrin	presence of moderate protein calorie malnutrition.	70 Wood Avenue South
•		Iselin, NJ 08830
		DD=03/18/1994 MA= / /
Oxandrolone	Treatment of patients with Duchenne's muscular dystrophy and	Bio-Technology General Corp.
TN= Oxandrin	Becker's muscular dystrophy.	70 Wood Avenue South
		Iselin, NJ 08830
		DD=04/22/1997 MA= / /
Oxymorphone	For relief of severe intractable pain in narcotic-tolerant patients.	DuPont Merck Pharmaceutical Company
TN= Numorphan H.P.		P.O. Box 80027
		Wilmington, DE 19880
·.		DD=03/19/1985 MA= / /
Oxypurinol	Treatment of hyperuricemia in patients intolerant to allopurinol.	ILEX Oncology, Inc.
TN=		11550 IH-10 West, Suite 300
		San Antonio, TX 78230
	•	DD=11/09/1998 MA= / /
P1, P4-Di(uridine	Treatment of cystic fibrosis.	Inspire Pharmaceuticals, Inc.
5'-tetraphosphate), tetrasodium		4222 Emperor Blvd., Suite 470
salt		Durham, NC 27703
TN=		DD=10/27/1998 MA= / /
PEG-glucocerebrosidase	For use as chronic enzyme replacement therapy in patients with	National Institute of Mental Health, NIH
TN= Lysodase	Gaucher's disease who are deficient in glucocerebrosidase.	49 Convent Dr. MSC4405
		Bldg. 49, Room B1EE16
		Bethesda, MD 20892
		DD=12/09/1992 MA= / /
PEG-interleukin-2	Treatment of primary immunodeficiencies associated with T-cell	Chiron Corporation
TN=	defects.	4560 Horton Street
		Emeryville, CA 94608
		DD=02/01/1990 MA= / /
Paclitaxel	Treatment of AIDS-related Kaposi's sarcoma.	Bristol-Myers Squibb Pharmaceutical
TN= Taxol		Research Institute
		5 Research Parkway
		P.O. Box 5100
		Wallingford, CT 06492
		DD=03/25/1997 MA=08/04/1997
Paclitaxel	Treatment of AIDS-related Kaposi's sarcoma.	Baker Norton Pharmaceuticals, Inc.
TN= Paxene		4400 Biscayne Boulevard
		Miami, FL 33137
		DD=04/15/1997 MA= / /
Papain, trypsin, and	Treatment of multiple myeloma.	Marlyn Nutraceuticals, Inc.
chymotrypsin		14851 N. Scottsdale Rd.
TN= Wobe-Mugos		Scottsdale, AZ 85254
		DD=12/21/1998 MA= / /

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NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Parovirus B19 (recombinant VP1 and VP2; S.frugiperda cells) vaccine TN= MEDI-491	Prevention of transient aplastic crisis in patients with sickle cell anemia.	MedImmune, Inc. 35 West Watkins Mill Rd. Gaithersburg, MD 20878 DD=05/07/1999 MA= / /
Patul-end TN=	Treatment of patulous eustachian tube.	Ear Foundation 24209 Castillo Street, Suite 100 Santa Barbara, CA 93105 DD=02/18/1997 MA= / /
Pegademase bovine TN= Adagen	For enzyme replacement therapy for ADA deficiency in patients with severe combined immunodeficiency.	Enzon, Inc. 20 Kingsbridge Road Piscataway, NJ 08854 DD=05/29/1984 MA=03/21/1990
Pegaspargase TN= Oncaspar	Treatment of acute lymphocytic leukemia.	Enzon, Inc. 20 Kingsbridge Road Piscataway, NJ 08854 DD=10/20/1989 MA=02/01/1994
Peginterferon alfa-2a TN= PEGASYS	Treatment of renal cell carcinoma.	Hoffman-La Roche Inc. 340 Kingsland St. Nutley, NJ 07110 DD=07/13/1998 MA= / /
Peginterferon alfa-2a TN= PEGASYS	Treatment of chronic myelogenous leukemia.	Hoffman-La Roche Inc. 340 Kingsland St. Nutley, NJ 07110 DD=09/30/1999 MA= / /
Pegylated arginine deiminase TN= Hepacid	Treatment of hepatocellular carcinoma.	Phoenix Pharmacologics, Inc. 115 John Robert Thomas Dr. Exton, PA 19341 DD=03/26/1999 MA= / /
Pegylated arginine deiminase TN= Melanocid	Treatment of invasive malignant melanoma.	Phoenix Pharmacologics, Inc. 115 John Robert Thomas Dr. Exton, PA 19341 DD=04/12/1999 MA= //
Pegylated recombinant human megakaryocyte growth and development factor TN= MEGAGEN	For reducing the period of thrombocytopenia in patients undergoing hematopoietic stem cell transplantation.	Amgen, Inc. One Amgen Center Dr. Thousand Oaks, CA 91320 DD=10/20/1997 MA= / /
Peldesine TN=	Treatment of cutaneous T-cell lymphoma.	BioCryst Pharmaceuticals, Inc. 2190 Parkway Lake Drive Birmingham, AL 35244 DD=10/05/1993 MA= //

NAME Generic Name TN=Trade Name	Through December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Pentamidine isethionate	Treatment of Pneumocystis carinii pneumonia.	Fujisawa USA, Inc.
TN= Pentam 300		3 Parkway North Center
		Deerfield, IL 60015
		DD=02/28/1984 MA=10/16/1984
Pentamidine isethionate	Treatment of Pneumocystis carinii pneumonia.	Rhone-Poulenc Rorer Pharmaceuticals, Inc.
TN=		500 Arcola Road
		Collegeville, PA 19426
		DD=10/29/1984 MA= / /
Pentamidine isethionate	Prevention of Pneumocystis carinii pneumonia in patients at	Fujisawa USA, Inc.
TN= Nebupent	high risk of developing this disease.	3 Parkway North Center
		Deerfield, IL 60015
		DD=01/12/1988 MA=06/15/1989
Pentamidine isethionate	Prevention of Pneumocystis carinii pneumonia in patients at	Fisons Corporation
(inhalation)	high risk of developing this disease.	755 Jefferson Rd., P.O. Box 1710
TN= Pneumopent		Rochester, NY 14603
		DD=10/05/1987 MA= / /
Pentastarch	As an adjunct in leukapheresis to improve the harvesting and	Du Pont Pharmaceuticals
TN= Pentaspan	increase the yield of leukocytes by centrifugal means.	E.I. Du Pont De Nemours & Co.
		Wilmington, DE 19898
•		DD=08/28/1985 MA=05/19/1987
Pentosan polysulfate sodium	Treatment of interstitial cystitis.	Alza Corporation
TN= Elmiron		950 Page Mill Rd.
		PO Box 10950
		Palo Alto, CA 94303
		DD=08/07/1985 MA=09/26/1996
Pentostatin	Treatment of patients with chronic lymphocytic leukemia.	SuperGen, Inc.
TN= Nipent		Two Annabel Lane
		Suite 220
		San Ramon, CA 94583
:		DD=01/29/1991 MA= / /
Pentostatin	Treatment of cutaneous T-cell lymphoma.	SuperGen, Inc.
TN= Nipent		Two Annbel Lane, Suite 220
		San Ramon, CA 94583
		DD=03/27/1998 MA= / /
Pentostatin	Treatment of peripheral T-cell lymphomas.	SuperGen, Inc.
TN= Nipent		Two Annabel Lane, Suite 220
		San Ramon, CA 94583
		DD=11/24/1999 MA= / /
Pentostatin for injection	Treatment of hairy cell leukemia.	SuperGen, Inc.
TN= Nipent		Two Annabel Lane
		Suite 220
		San Ramon, CA 94583
		DD=09/10/1987 MA=10/11/1991

NAME Generic Name TN=Trade Name	Indication designated	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Pergolide TN= Permax	Treatment of Tourette's syndrome.	Sallee, Floyd R. M.D., Ph.D. Medical University of South Carolina 171 Ashley Avenue, Room PH246 Charleston, SC 29425 DD=11/20/1997 MA= / /
Phenylacetate TN=	For use as an adjunct to surgery, radiation therapy and chemotherapy for the treatment of patients with primary or recurrent malignant glioma.	Elan Pharmaceutical Research Corp. 1300 Gould Dr. Gainesville, GA 30504 DD=03/06/1998 MA= / /
Phenylalanine ammonia-lyase TN= Phenylase	Treatment of hyperphenylalaninemia.	Ibex Technologies, Inc. 5485 Pare Montreal, Quebec Canada H4P 1P7, DD=03/08/1995 MA= / /
Phosphocysteamine TN=	Treatment of cystinosis.	Medea Research Laboratories Port Jefferson Business Center 200 Wilson Street, Building D-6 Port Jefferson, NY 11776 DD=09/12/1988 MA= / /
Physostigmine Salicylate TN= Antilirium	Treatment of Friedreich's and other inherited ataxias.	Forest Pharmaceuticals, Inc. 150 East 58th Street New York, NY 10155 DD=01/16/1985 MA= / /
Pilocarpine TN= Salagen	Treatment of xerostomia induced by radiation therapy for head and neck cancer.	MGI Pharma, Inc. 6300 West Old Shakopee Rd. Suite 110 Bloomington, MN 55438 DD=09/24/1990 MA=03/22/1994
Pilocarpine HCl TN= Salagen	Treatment of xerostomia and keratoconjunctivitis sicca in Sjogren's syndrome patients.	MGI Pharma, Inc. 6300 West Old Shakopee Rd. Suite 110 Bloomington, MN 55438 DD=02/28/1992 MA=02/11/1998
Piracetam TN= Nootropil	Treatment of myoclonus.	UCB Pharma, Inc. 1950 Lake Park Drive Smyrna, GA 30080 DD=10/02/1987 MA= / /
Polifeprosan 20 with carmustine TN= Gliadel	Treatment of malignant glioma.	Guilford Pharmaceuticals, Inc. 6611 Tributary Street Baltimore, MD 21224 DD=12/13/1989 MA=09/23/1996

NAME Generic Name TN=Trade Name	Through December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Poloxamer 188	Treatment of sickle cell crisis.	CytRx Corporation
TN= Flocor		154 Technology Parkway
		Norcross, GA 30092
		DD=06/27/1989 MA= / /
Poloxamer 188	Treatment of severe burns requiring hospitalization.	CytRx Corporation
TN= Florcor	, ,	154 Technology Parkway
	•	Norcross, GA 30092
		DD=02/22/1990 MA= / /
Poloxamer 188	Treatment of vasospasm in subarachnoid hemorrhage patients	CytRx Corporation
rn=	following surgical repair of a ruptured cerebral aneurysm.	154 Technology Parkway
111	tono mmg ourgism repum or a sep-	Norcross, GA 30092
		DD=08/05/1997 MA= / /
Poloxamer 331	Initial therapy of toxoplasmosis in patients with AIDS.	CytRx Corporation
TN= Protox	4 A	154 Technology Parkway
***		Norcross, GA 30092
		DD=03/21/1991 MA= / /
Poly I: poly C12U	Treatment of AIDS.	Hemispherx Biopharma, Inc.
TN= Ampligen		One Penn Center
1 0		1617 JFK Boulevard
		Philadelphia, PA 19103
		DD=07/19/1988 MA= / /
Poly I: poly C12U	Treatment of renal cell carcinoma.	Hemispherx Biopharma, Inc.
TN= Ampligen	•	One Penn Center
		1617 JFK Boulevard
		Philadelphia, PA 19103
		DD=05/20/1991 MA= / /
Poly I: poly C12U	Treatment of chronic fatigue syndrome.	Hemispherx Biopharma, Inc.
TN= Ampligen		One Penn Center
• •		1617 JFK Boulevard
		Philadelphia, PA 19103
		DD=12/09/1993 MA= / /
Poly I: poly C12U	Treatment of invasive metastatic melanoma (stage IIb, III, IV).	Hemispherx Biopharma, Inc.
TN= Ampligen		One Penn Center
		1617 JFK Boulevard
		Philadelphia, PA 19103
6.		DD=12/09/1993 MA= / /
Poly-ICLC	Treatment of primary brain tumors.	Salazar, Andres M. M.D. and Levy, Hilton
TN=		B. Ph.D.
		3202 Cleveland Avenue N.W.
		Washington, DC 20008
		DD=03/17/1997 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Polyethylene glycol-modified uricase TN= Zurase	Treatment of tumor lysis syndrome in cancer patients undergoing chemotherapy.	Phoenix Pharmacologics, Inc. 115 John Robert Thomas Dr. Exton, PA 19341 DD=12/21/1998 MA= //
Polyethylene glycol-modified uricase TN= Zurase	Prophylaxis of hyperuricemia in cancer patients prone to develop tumor lysis syndrome during chemotherapy.	Phoenix Pharmacologics, Inc. 115 John Robert Thomas Dr. Exton, PA 19341 DD=09/14/1999 MA= //
Polymeric oxygen TN=	Treatment of sickle cell anemia.	Capmed USA P.O. Box 14 Bryn Mawr, PA 19010 DD=03/25/1992 MA= / /
Porcine Sertoli cells aseptically prepared for intracerebral co-implantation with fetal neural tissue TN= N-Graft	Treatment of Hoehn and Yahr stage four and five Parkinson's disease.	Titan Pharmaceuticals, Inc. Post Office Plaza 50 Division Street, Suite 503 Somerville, NJ 08876 DD=06/24/1997 MA= / /
Porcine fetal neural dopaminergic cells and/or precursors aseptically prepared and coated with anti-MHC-1 Ab for intracerebral implantation TN= NeuroCell-PD	Treatment of Hoehn and Yahr stage 4 and 5 Parkinson's disease.	Diacrin, Inc. One Kendall Square Cambridge, MA 02139 DD=12/17/1996 MA= / /
Porcine fetal neural dopaminergic cells and/or precursors aseptically prepared for intracerebral implantation. TN= NeuroCell-PD	Treatment of Hoehn and Yahr stage 4 and 5 Parkinson's disease.	Diacrin, Inc. One Kendall Square Cambridge, MA 02139 DD=12/17/1996 MA= / /
Porcine fetal neural gabaergic cells and/or precursors aseptically prepared and coated with anti-MHC-1 Ab for intracerebral implantation TN= NeuroCell-HD	Treatment of Huntington's disease.	Diacrin, Inc. One Kendall Square Cambridge, MA 02129 DD=12/10/1996 MA= / /
Porcine fetal neural gabaergic cells and/or precursors aseptically prepared for intracerebral implantation for Huntington's disease.  TN= NeuroCell-HD	Treatment of Huntington's disease.	Diacrin, Inc. One Kendall Square Cambridge, MA 02139 DD=12/10/1996 MA= / /
Porfimer sodium TN= Photofrin	For the photodynamic therapy of patients with primary or recurrent obstructing (either partially or completely) esophageal carcinoma.	QLT Phototherapeutics, Inc. Lederle Laboratories 401 North Middletown Road Pearl River, NY 10965 DD=06/06/1989 MA=12/27/1995

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NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval	
Porfimer sodium	For the photodynamic therapy of patients with transitional cell	QLT Phototherapeutics, Inc.	
TN= Photofrin	carcinoma in situ of the urinary bladder.	Lederle Laboratories	
	and the second of the second o	401 North Middletown Road	
		Pearl River, NY 10965	
		DD=11/15/1989 MA= / /	
Porfiromycin	Treatment of head and neck cancer.	Vion Pharmaceuticals, Inc.	
TN= Promycin		4 Science Park	
		New Haven, CT 06511	
		DD=09/19/1995 MA= / /	
Porfiromycin	Treatment of cervical cancer.	Vion Pharmaceuticals, Inc.	
TN= Promycin		Four Science Park	
		New Haven, CT 06511	
		DD=03/13/1997 MA= / /	
Potassium citrate	Prevention of uric acid nephrolithiasis.	University of Texas Health Science Center	
TN= Urocit-K		at Dallas	
		5323 Harry Hines Boulevard	
		Dallas, TX 75235	
		DD=11/01/1984 MA=08/30/1985	
Potassium citrate	Prevention of calcium renal stones in patients with	University of Texas Health Science Center	
TN= Urocit-K	hypocitraturia.	at Dallas	
		5323 Harry Hines Blvd	
		Dallas, TX 75235	
		DD=09/16/1985 MA=08/30/1985	
Potassium citrate	For avoidance of the complication of calcium stone formation in	University of Texas Health Science Center	
TN= Urocit-K	patients with uric lithiasis.	at Dallas	
		5323 Harry Hines Blvd	
		Dallas, TX 75235	
		DD=05/29/1984 MA=08/30/1985	
Primaquine phosphate	For use in combination with clindamycin hydrochloride in the	Sanofi Winthrop, Inc.	
TN=	treatment of Pneumocystis carinii pneumonia associated with	90 Park Avenue	
	AIDS.	New York, NY 10016	
		DD=07/23/1993 MA= / /	
Progesterone	Establishment and maintenance of pregnancy in women	Watson Laboratories, Inc.	
TN=	undergoing in vitro fertilization or embryo transfer procedures.	311 Bonnie Circle	
		Corona, CA 91720	
<b>C</b>		DD=12/22/1994 MA= / /	
Prostaglandin E1 enol ester	Treatment of Fontaine Stage IV chronic critical limb ischemia.	Alpha Therapeutic Corp.	
(AS-013)		5555 Valley Blvd.	
TN=		Los Angeles, CA 90032	
		DD=06/12/1998 MA= / /	
Protein C concentrate	For replacement therapy in patients with congenital or acquired	Immuno Clinical Research Corp.	
TN= Protein C Concentrate	protein C deficiency for the prevention and treatment of	750 Lexington Avenue, 19th Floor	
(human) Vapor Heated,	warfarin-induced skin necrosis during oral anticoagulation.	New York, NY 10022	
Immuno		DD=06/19/1992 MA= / /	

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Protein C concentrate TN= Protein C Concentrate (human) Vapor Heated, Immuno	For replacement therapy in congenital protein C deficiency for the prevention and treatment of thrombosis, pulmonary emboli, and purpura fulminans.	Baxter Healthcare Corporation Hyland Division (Baxter Hyland) 550 North Brand Blvd. Glendale, CA 91203 DD=06/23/1992 MA= //
Pulmonary surfactant replacement, porcine TN= Curosurf	For the treatment and prevention of respiratory distress syndrome in premature infants.	Dey Laboratories 2751 Napa Valley Corporate Drive Napa, CA 94550 DD=08/02/1993 MA= / /
Purified extract of Pseudomonas aeruginosa TN= ImmuDyn	Treatment of immune thrombocytopenia purpura where it is required to increase platelet counts.	DynaGen, Inc. 99 Erie Street Cambridge, MA 02139 DD=09/22/1997 MA= / /
Purified type II collagen TN= Colloral	Treatment of juvenile rheumatoid arthritis.	AutoImmune, Inc. 128 Spring Street Lexington, MA 02421 DD=02/09/1995 MA= / /
R-VIII SQ TN= ReFacto	For long-term and/or hospital treatment of hemophilia A or for treatment of patients with hemophilia A in connection with surgical procedures.	Genetics Institute, Inc. 87 CambridgePark Drive Cambridge, MA 02140 DD=02/08/1996 MA= / /
RGG0853, E1A lipid complex TN=	Treatment of ovarian cancer.	Targeted Genetics Corporation 1100 Olive Way, Suite 100 Seattle, WA 98101 DD=10/27/1997 MA= / /
RII retinamide TN=	Treatment of myelodysplastic syndromes.	Sparta Pharmaceuticals, Inc. 111 Rock Road Horsham, PA 19044 DD=05/06/1993 MA= / /
Radiolabeled monoclonal antibody to CD22 antigen on B-cells TN= LymphoCIDE	Treatment of non-Hodgkin's lymphoma.	Immunomedics, Inc. 300 American Rd. Morris Plains, NJ 07950 DD=07/13/1998 MA= / /
Recombinant bactericidal/permeability-increa sing protein TN= Neuprex	Treatment of severe meningococcal disease.	Xoma Corporation 1545 17th St. Santa Monica, CA 90404 DD=06/22/1998 MA= //
Recombinant human C1-esterase inhibitor TN=	Prophylactic treatment of angioedema caused by hereditary or acquired C1-esterase inhibitor deficiency.	Pharming N.V. Cipalstreet 3 B-2440 Geel Belgium, BE DD=02/23/1999 MA= / /

NAME Generic Name TN=Trade Name	Through December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Recombinant human C1-esterase inhibitor	Treatment of (acute attacks of) angioedema caused by hereditary or acquired C1-esterase inhibitor deficiency.	Pharming N.V. Cipalstreet 3
TN=	of dequited of contrast minorial desirency.	B-2440 Geel
		Belgium, BE DD=02/23/1999 MA= / /
Recombinant human CD4 immunoglobulin G	Treatment of AIDS resulting from infection with HIV-1.	Genentech, Inc. 460 Point San Bruno Boulevard South San Francisco, CA 94080 DD=08/30/1990 MA= / /
Recombinant human Clara Cell	Prevention of neonatal bronchopulmonary dysplasia in	Claragen, Inc.
10kDa protein	premature neonates with respiratory distress syndrome.	335 Paint Branch Drive
TN=		College Park, MD 20742 DD=07/13/1998 MA= / /
Recombinant human acid alpha-glucosidase TN=	Treatment of glycogen storage disease type II.	Chen, YT., M.D., Ph.D. Department of Pediatrics Duke University Medical Center Durham, NC 27710
		DD=08/19/1997 MA= / /
Recombinant human gelsolin TN=	Treatment of the respiratory symptoms of cystic fibrosis.	Biogen, Inc. 14 Cambridge Center Cambridge, MA 02124 DD=01/12/1994 MA= / /
Recombinant human gelsolin TN=	Treatment of acute and chronic respiratory symptoms of bronchiectasis.	Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142 DD=03/06/1995 MA= / /
Recombinant human insulin-like growth factor-I TN=	Treatment of post-poliomyelitis syndrome.	Cephalon, Inc. 145 Brandywine Parkway West Chester, PA 19380 DD=10/13/1995 MA= / /
Recombinant human insulin-like growth factor-l/insulin-like growth factor binding protein-3 TN=	Treatment of major burns that require hospitalization.	Celtrix Pharmaceuticals, Inc. 3055 Patrick Henry Dr. Santa Clara, CA 95054 DD=06/15/1999 MA= / /
Recombinant human interleukin-12 TN=	Treatment of renal cell carcinoma.	Genetics Institute, Inc. 87 CambridgePark Drive Cambridge, MA 02140 DD=10/20/1997 MA= / /
Recombinant human keratinocyte growth factor TN=	Reducing the incidence and severity of radiation-induced xerostomia.	Amgen Inc. One Amgen Center Dr. Thousand Oaks, CA 91320 DD=12/20/1999 MA= / /

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G	AME eneric Name N=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
h	Lecombinant human luteinizing ormone N= LHadi	For use in association with recombinant human follicle stimulating hormone for the treatment of women with chronic anovulation due to hypogonadotropic hypogonadism.	Serono Laboratories, Inc. 100 Longwater Circle Norwell, MA 02061 DD=10/07/1994 MA= / /
g	Recombinant human nerve growth factor "N=	Treatment of HIV-associated sensory neuropathy.	Genentech, Inc. 1 DNA Way South San Francisco, CA 94080 DD=04/16/1999 MA= / /
	Recombinant human relaxin	Treatment of progressive systemic sclerosis.	Connetics Corporation 3400 West Bayshore Road Palo Alto, CA 94303 DD=11/03/1995 MA= / /
d	Recombinant human superoxide dismutase TN= Oxsodrol	Prevention of bronchopulmonary dysplasia in premature neonates weighing less than 1500 grams.	Bio-Technology General Corp. 70 Wood Avenue, South Iselin, NJ 08830 DD=04/18/1991 MA= / /
t	Recombinant human hrombopoietin IN=	For use in accelerating platelet recovery in patients undergoing hematopoietic stem cell transplantation.	Genentech, Inc. 1 DNA Way South San Francisco, CA 94080 DD=09/29/1997 MA= / /
5	Recombinant humanized MAb 5c8 TN=	Prevention and treatment of Factor VIII/Factor IX inhibitors in patients with hemophilia A or B.	Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142 DD=10/14/1998 MA= / /
. 4	Recombinant humanized MAb 5c8	Prevention of rejection of solid organ transplants.	Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142 DD=03/22/1999 MA= / /
	Recombinant humanized MAb 5c8 IN=	Prevention of rejection of pancreatic islet cell transplants.	Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142 DD=03/22/1999 MA= / /
. 1	Recombinant humanized monclonal antibody 5c8	Treatment of immune thrombocytopenic purpura.	Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142 DD=02/03/1998 MA= / /
	Recombinant humanized monoclonal antibody 5c8 TN=	Treatment of systemic lupus erythematosus.	Biogen, Inc. 14 Cambridge Center Cambridge, MA 02142 DD=02/18/1998 MA= / /
	Recombinant methionyl brain-derived neurotrophic factor TN=	Treatment of amyotrophic lateral sclerosis.	Amgen, Inc. One Amgen Center Dr. Thousand Oaks, CA 91320 DD=11/28/1994 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Recombinant methionyl human stem cell factor TN=	Treatment of primary bone marrow failure.	Amgen, Inc. 1840 Dehavilland Drive Thousand Oaks, CA 91320 DD=11/22/1995 MA= / /
Recombinant retroviral vector - glucocerebrosidase TN=	For use as enzyme replacement therapy for patients with types I, II, or III Gaucher disease.	Genetic Therapy, Inc. 938 Clopper Road Gaithersburg, MD 20878 DD=11/15/1993 MA= / /
Recombinant secretory leucocyte protease inhibitor TN=	Treatment of congenital alpha-1 antitrypsin deficiency.	Amgen Inc. 3200 Walnut Street Boulder, CO 80301 DD=03/29/1991 MA= / /
Recombinant secretory leucocyte protease inhibitor TN=	Treatment of cystic fibrosis.	Amgen, Inc. 3200 Walnut Street Boulder, CO 80301 DD=03/29/1991 MA= / /
Recombinant soluble human CD4 (rCD4) TN=	Treatment of AIDS in patients infected with HIV virus.	Genentech, Inc. 460 Point San Bruno Boulevard South San Francisco, CA 94080 DD=03/23/1989 MA= / /
Recombinant vaccinia (human papillomavirus) TN= TA-HPV	Treatment of cervical cancer.	Cantab Pharmaceuticals Research Limited 310 Cambridge Science Park Cambridge CB4 OWG Great Britain, DD=08/24/1994 MA= / /
Reduced L-glutathione TN= Cachexon	Treatment of AIDS-associated cachexia.	Telluride Pharmaceutical Corporation 146 Flanders Drive Hillsborough, NJ 08876 DD=02/14/1994 MA= //
Respiratory Syncytial Virus Immune Globulin (human) TN= Hypermune RSV	Treatment of respiratory syncytial virus lower respiratory tract infections in hospitalized infants and young children.	MedImmune, Inc. 35 West Watkins Mill Road Gaithersburg, MD 20878 DD=09/27/1990 MA= / /
Respiratory syncytial virus immune globulin (Human) TN= Respigam	Prophylaxis of respiratory syncytial virus lower respiratory tract infections in infants and young children at high risk of RSV disease.	MedImmune & Massachussetts Public Health Biologics Labs. 35 West Watkins Mill Road Gaithersburg, MD 20878 DD=09/27/1990 MA=01/18/1996
Retroviral vector, R-GC and GC gene 1750 TN=	Treatment of Gaucher disease.	Genzyme Corporation One Mountain Road P.O. Box 9322 Framingham, MA 01701 DD=05/06/1997 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Rho (D) immune globulin	Treatment of immune thrombocytopenic purpura.	Rh Pharmaceuticals, Inc.
intravenous (human)		104 Chancellor Matheson Road
TN= WinRho SD		Winnipeg, Manitoba
•		Canada R3T 2N2,
		DD=11/09/1993 MA=03/24/1995
Ribavirin	Treatment of hemorrhagic fever with renal syndrome.	ICN Pharmaceuticals, Inc.
TN= Virazole		ICN Plaza
		3300 Hyland Avenue
•		Costa Mesa, CA 92626
		DD=04/12/1991 MA= / /
Ricin (blocked) conjugated	Treatment of B-cell leukemia and B-cell lymphoma.	ImmunoGen, Inc.
murine MCA (anti-B4)		148 Sidney Street
TN=		Cambridge, MA 02139
		DD=11/17/1988 MA= / /
Ricin (blocked) conjugated	Treatment of myeloid leukemia, including AML, and blast crisis	ImmunoGen, Inc.
murine MCA (anti-my9)	of CML.	148 Sidney Street
TN=		Cambridge, MA 02139
		DD=08/03/1989 MA= / /
Ricin (blocked) conjugated	For use in the ex-vivo treatment of autologous bone marrow and	ImmunoGen, Inc.
murine MCA (anti-my9)	subsequent reinfusion in patients with acute myelogenous	148 Sidney Street
TN=	leukemia.	Cambridge, MA 02139
		DD=02/01/1990 MA= / /
Ricin (blocked) conjugated	Treatment of small cell lung cancer.	ImmunoGen, Inc.
murine MCA (n901)		148 Sidney Street
TN=		Cambridge, MA 02139
		DD=01/25/1991 MA= / /
Ricin (blocked) conjugated	For the ex-vivo purging of leukemic cells from the bone marrow	ImmunoGen, Inc.
murine mca (anti-b4)	of non-T cell acute lymphocytic leukemia patients who are in	148 Sidney Street
TN=	complete remission.	Cambridge, MA 02139
		DD=01/24/1991 MA= / /
Ricin (blocked) conjugated	Treatment of cutaneous T-cell lymphomas, acute T-cell	ImmunoGen, Inc.
murine monoclonal antibody	leukemia-lymphoma, and related mature T-cell malignancies.	148 Sidney Street
(CD6)		Cambridge, MA 02139
TN=		DD=09/06/1994 MA= / /
Rifabutin	Treatment of disseminated Mycobacterium avium complex	Pharmacia & Upjohn
TN=	disease.	7000 Portage Road
		Unit 0633-298-113
		Kalamazoo, MI 49001
		DD=12/18/1989 MA= / /
Rifabutin	Prevention of disseminated Mycobacterium avium complex	Adria Laboratories, Inc.
TN= Mycobutin	disease in patients with advanced HIV infection.	P.O. Box 16529
		Columbus, OH 43216
		DD=12/18/1989 MA=12/23/1992

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NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Rifalazil	Treatment of pulmonary tuberculosis.	PathoGenesis Corporation
TN=		201 Elliott Avenue West
		Suite 150
		Seattle, WA 98119
		DD=04/13/1999 MA= / /
Rifampin	For antituberculosis treatment where use of the oral form of the	Hoechst Marion Roussel
TN= Rifadin I.V.	drug is not feasible.	P.O. Box 9627
	· ·	Kansas City, MO 64134
		DD=12/09/1985 MA=05/25/1989
Rifampin, isoniazid,	For the short-course treatment of tuberculosis.	Hoechst Marion Roussel
pyrazinamide		P.O. Box 9627
TN= Rifater		Kansas City, MO 64134
		DD=09/12/1985 MA=05/31/1994
Rifapentine	Treatment of pulmonary tuberculosis.	Hoechst Marion Roussel
TN= Priftin		P.O. Box 9627
		Mail Station: H3-M2516
• ,		Kansas City, MO 64134
		DD=06/09/1995 MA=06/22/1998
Rifapentine	Treatment of Mycobacterium avium complex in patients with	Hoechst Marion Roussel, Inc.
TN= Priftin	AIDS.	P.O. Box 9627
		Mail Station: H3-M2516
		Kansas City, MO 64134
		DD=06/09/1995 MA= / /
Rifapentine	Prophylactic treatment of Mycobacterium avium complex in	Hoechst Marion Roussel, Inc.
TN= Priftin	patients with AIDS and a CD4+ count less than or equal to	P.O. Box 9627
114 11111111	75/mm3.	Mail Station: H3-M2516
	·	Kansas City, MO 64134
		DD=03/12/1996 MA= / /
Rifaximin	Treatment of hepatic encephalopathy.	Salix Pharmaceuticals, Inc.
TN= Normix		3600 W. Bayshore Road
		Palo Alto, CA 94303
		DD=02/10/1998 MA= / /
Riluzole	Treatment of amyotrophic lateral sclerosis.	Rhone-Poulenc Rorer Pharmaceuticals, Inc.
TN= Rilutek	•	500 Arcola Road, P.O. Box 1200
		Collegeville, PA 19426
		DD=03/16/1993 MA=12/12/1995
Riluzole	Treatment of Huntington's disease.	Rhone-Poulenc Rorer Pharmaceuticals, Inc.
TN= Rilutek		500 Arcola Road
		PO Box 5096
		Collegeville, PA 19426
		DD=10/15/1996 MA= / /

NAME Generic Name TN=Trade Name	Through December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Rituximab	Treatment of non-Hodgkin's B-cell lymphoma.	IDEC Pharmaceuticals Corporation
TN= Rituxan		3030 Callan Road
		San Diego, CA 92121
		DD=06/13/1994 MA=11/26/1997
S-adenosylmethionine	Treatment of AIDS-myelopathy.	Di Rocco, Alessandro M.D.
ΓN=		Beth Israel Medical Center, Phillips
		Ambulatory Care Center
		Philips Building, Suite 2Q; 10 Union Square
		East
		New York, NY 10003
•		DD=04/30/1998 MA= / /
SCH 58500	Treatment of primary ovarian cancer.	Schering Corporation
TN=	•	2000 Galloping Hill Rd.
		Kenilworth, NJ 07033
		DD=04/12/1999 MA= / /
CT 1101	Treatment of malignant glioma.	Sugen, Inc.
SU101	Heatilient of manghant ghoma.	230 East Grand Ave.
TN=		South San Francisco, CA 94080
		DD=05/25/1995 MA= / /
SU101	Treatment of ovarian cancer.	Sugen, Inc.
TN=	Treatment of Syanan Cancer.	230 East Grand Ave.
114—		South San Francisco, CA 94080
		DD=03/12/1996 MA= / /
Sacrosidase	Treatment of congenital sucrase-isomaltase deficiency.	Orphan Medical, Inc.
TN= Sucraid		13911 Ridgedale Drive
		Suite 475
	•	Minnetonka, MN 55305
		DD=12/10/1993 MA=04/09/1998
Sargramostim	Treatment of neutropenia associated with bone marrow	Immunex Corporation
TN= Leukine	transplant, for the treatment of graft failure and delay of	51 University Street
	engraftment, and for the promotion of early engraftment.	Seattle, WA 98101
	<u>vig ,</u>	DD=05/03/1990 MA=03/05/1991
Sargramostim	To reduce neutropenia and leukopenia and decrease the	Immunex Corporation
TN= Leukine	incidence of death due to infection in patients with acute	51 University Street
1. Monthly	myelogenous leukemia.	Seattle, WA 98101
		DD=03/06/1995 MA=09/15/1995
Satumomab pendetide	Detection of ovarian carcinoma.	Cytogen Corporation
TN= Oncoscint CR/OV		600 College Road East
		Princeton, NJ 08540
		DD=09/25/1989 MA=12/29/1992
Secalciferol	Treatment of familial hypophosphatemic rickets.	Teva Pharmaceuticals USA
TN= Osteo-D		650 Cathill Rd.
		Sellersville, PA 18960
		DD=07/26/1993 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Secretory leukocyte protease	Treatment of bronchopulmonary dysplasia.	Synergen, Inc.
nhibitor		1885 33rd Street
TN=		Boulder, CO 80301
		DD=06/30/1992 MA= / /
Selegiline HCl	As an adjuvant to levodopa and carbidopa treatment of	Somerset Pharmaceuticals, Inc.
TN= Eldepryl	idiopathic Parkinson's disease (paralysis agitans),	777 South Harbor Island Boulevard
	postencephalitic Parkinsonism, and symptomatic Parkinsonism.	Tampa, FL 33602
	·	DD=11/07/1984 MA=06/05/1989
Sermorelin acetate	Treatment of idiopathic or organic growth hormone deficiency	Serono Laboratories, Inc.
ΓN= Geref	in children with growth failure.	100 Longwater Circle
		Norwell, MA 02061
		DD=09/14/1988 MA=09/26/1997
Sermorelin acetate	Adjunct to gonadotropin therapy in the induction of ovulation in	Serono Laboratories, Inc.
TN= Geref	women with anovulatory or oligo-ovulatory infertility who fail	100 Longwater Circle
	to ovulate in response to adequate treatment with clomiphene	Norwell, MA 02061
	citrate alone and gonadotropin therapy alone.	DD=02/13/1990 MA= / /
Sermorelin acetate	Treatment of AIDS-associated catabolism/weight loss.	Serono Laboratories, Inc.
TN= Geref	·	100 Longwater Circle
		Norwell, MA 02061
		DD=12/05/1991 MA= / /
Serratia marcescens extract	Treatment of primary brain malignancies.	Cell Technology, Inc.
(polyribosomes)		1668 Valtec Lane
TN= Imuvert		Boulder, CO 80306
		DD=09/07/1988 MA= / /
Short chain fatty acid enema	Treatment of chronic radiation proctitis.	Orphan Medical, Inc.
TN= Colomed		13911 Ridgedale Drive
		Suite 475
		Minnetonka, MN 55305
		DD=08/19/1997 MA= / /
Short chain fatty acid solution	Treatment of the active phase of ulcerative colitis with	Orphan Medical, Inc.
TN= Colomed	involvement restricted to the left side of the colon.	13911 Ridgedale Drive
		Suite 475
		Minnetonka, MN 55305
		DD=05/29/1990 MA= / /
Silver sulfadiazine and cerium	Prevention of mortality in severely burned patients.	Synthes (USA)
nitrate		1690 Russell Road
TN= Flammacerium		PO Box 1766
		Paoli, PA 19301
		DD=11/17/1999 MA= / /
Sodium 1,3-propanedisulfonate	Treatment of secondary amyloidosis.	Neurochem, Inc.
TN=		7220 Frederick Banting, Suite 100
		Saint-Laurent, Quebec
		Canada H4S 2A1, CA
		DD=04/06/1999 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Sodium	For use in boron neutron capture therapy (BNCT) in the	Neutron Technology Corp.& Neutron R&D
Monomercaptoundecahydro-clo	treatment of glioblastoma multiforme.	Partner
so-dodecaborate		877 Main Street, Suite 402
TN= Borocell		Boise, ID 83702
		DD=04/15/1992 MA= / /
Sodium benzoate/sodium	For intravenous use in episodic hyperammonemic	Ucyclyd Pharma
phenylacetate	encephalopathy.	500 McCormick Dr., Suite J
TN= Ammonul		Glen Burnie, MD 21061
		DD=11/22/1993 MA= / /
Sodium dichloroacetate	Treatment of congenital lactic acidosis.	Stacpoole, Peter W. M.D., Ph.D.
TN=	C	University of Florida
		P.O. Box 100277
		Gainesville, FL 32610
		DD=06/11/1990 MA= / /
Sodium dichloroacetate	Treatment of homozygous familial hypercholesterolemia.	Stacpoole, Peter W. M.D., Ph.D.
TN=	71	University of Florida
		P.O. Box 100277
		Gainesville, FL 32610
		DD=06/11/1990 MA= / /
Sodium dichloroacetate	Treatment of lactic acidosis in patients with severe malaria.	Stacpoole, Peter W. M.D., Ph.D.
TN=	•	University Of Florida
		P.O. Box 100277
		Gainesville, FL 32610
		DD=11/10/1994 MA= / /
Sodium dichloroacetate	Treatment of congenital lactic acidosis.	Cypros Pharmaceutical Corporation
TN=		2714 Loker Avenue West
		Carlsbad, CA 92008
		DD=12/31/1997 MA= / /
Sodium dichloroacetate	Treatment of severe head injury.	Cypros Pharmaceutical Corporation
TN= Ceresine		2714 Loker Avenue West
		Carlsbad, CA 92008
		DD=06/14/1999 MA= / /
Sodium gamma	Treatment of narcolepsy.	Orphan Medical, Inc.
hydroxybutyrate	• •	13911 Ridgedale Drive
TN= Xyrem	·	Suite 250
		Minnetonka, MN 55305
		DD=11/07/1994 MA= / /
Sodium phenylbutyrate	Treatment for sickling disorders, which include S-S	Brusilow, Saul W. M.D.
TN=	hemoglobinopathy, S-C hemoglobinopathy, and S-thalassemia	Johns Hopkins Medical Institutions
3	hemoglobinopathy.	600 North Wolfe Street, Park 336
		Baltimore, MD 21205
		DD=07/02/1992 MA= / /

NAME	Through December 31, 1999	SPONSOR & ADDRESS
Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Sodium phenylbutyrate	Treatment of urea cycle disorders: carbamylphosphate	Ucyclyd Pharma
TN= Buphenyl	synthetase deficiency, ornithine transcarbamylase deficiency,	500 McCormick Dr., Suite J
	and arginiosuccinic acid synthetase deficiency.	Glen Burnie, MD 21061
		DD=11/22/1993 MA=04/30/1996
Sodium phenylbutyrate	For use as an adjuct to surgery, radiation therapy and	Elan Pharmaceutical Research Corporation
TN=	chemotherapy for the treatment of patients with primary or	1300 Gould Dr.
	recurrent malignant glioma.	Gainesville, GA 30504
		DD=04/24/1998 MA= / /
Sodium tetradecyl sulfate	Treatment of bleeding esophageal varices.	Elkins-Sinn, Inc.
TN= Sotradecol		2 Esterbrook Lane
		Cherry Hill, NJ 08003
		DD=06/10/1986 MA= / /
Soluble recombinant human	Prevention or reduction of adult respiratory distress syndrome.	T Cell Sciences, Inc.
complement receptor type 1		119 Fourth Avenue
TN=		Needham Heights, MA 02194
		DD=11/21/1994 MA= / /
Somatostatin	Adjunct to the non-operative management of secreting	Ferring Laboratories, Inc.
TN= Zecnil	cutaneous fistulas of the stomach, duodenum, small intestine	400 Rella Boulevard, Suite 201
	(jejunum and ileum), or pancreas.	Suffern, NY 10901
		DD=06/20/1988 MA= / /
Somatostatin	Treatment of bleeding esophageal varices.	UCB Pharmaceuticals, Inc.
TN=		1950 Lake Park Drive
		Smyrna, GA 30080
		DD=12/22/1994 MA= / /
Somatrem for injection	For long-term treatment of children who have growth failure	Genentech, Inc.
TN= Protropin	due to a lack of adequate endogenous growth hormone	460 Point San Bruno Boulevard
	secretion.	South San Francisco, CA 94080
		DD=12/09/1985 MA=10/17/1985
Somatrem for injection	Treatment of short stature associated with Turner's syndrome.	Genentech, Inc.
TN= Protropin		460 Point San Bruno Boulevard
		South San Francisco, CA 94080
		DD=12/09/1985 MA= / /
Somatropin	For use in the long-term treatment of children who have growth	Genentech, Inc.
TN= Nutropin	failure due to a lack of adequate endogenous growth hormone	460 Point San Bruno Boulevard
	secretion.	South San Francisco, CA 94080
		DD=03/06/1987 MA=10/17/1985
Somatropin	Treatment of growth failure in children due to inadequate	Novo Nordisk Pharmaceuticals
TN= Norditropin	growth hormone secretion.	100 Overlook Center
	$\mathcal{L}_{i}$ , which is the state of the state of $\mathcal{L}_{i}$ , $\mathcal{L}_{i}$ , $\mathcal{L}_{i}$	Suite 200
	$\mathcal{L}_{\mathcal{L}}}}}}}}}}$	Princeton, NJ 08540
		DD=07/10/1987 MA= / /

	Through December 31, 1999	
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Somatropin	Treatment of idiopathic or organic growth hormone deficiency	Serono Laboratories, Inc.
TN= Saizen	in children with growth failure.	100 Longwater Circle
		Norwell, MA 02061
		DD=03/06/1987 MA= / /
Somatropin	Treatment of short stature associated with Turner syndrome.	Eli Lilly and Company
TN= Humatrope		Lilly Corporate Center
		Indianapolis, IN 46285
		DD=05/08/1990 MA=12/30/1996
Somatropin	Treatment of adults with growth hormone deficiency.	Pharmacia & Upjohn
TN= Genotropin		7000 Portage Road
		Kalamazoo, MI 49001
		DD=09/06/1994 MA=10/31/1997
Somatropin (rDNA)	For the enhancement of nitrogen retention in hospitalized	Serono Laboratories, Inc.
TN= Saizen	patients suffering from severe burns.	100 Longwater Circle
		Norwell, MA 02061
		DD=05/03/1989 MA= / /
Somatropin (r-DNA)	For use with glutamine in the treatment of short bowel	Serono Laboratories, Inc.
TN= Serostim	syndrome (nutrient malabsorption from the gastrointestinal tract	100 Longwater Circle
	resulting from an inadequate absorptive surface).	Norwell, MA 02061
		DD=03/06/1995 MA= / /
Somatropin (r-DNA) for	Treatment of children with AIDS-associated failure-to-thrive	Serono Laboratories, Inc.
injection	including AIDS-associated wasting.	100 Longwater Circle
TN= Serostim		Norwell, MA 02061
		DD=03/26/1996 MA= / /
Somatropin (rDNA origin)	Long-term treatment of children who have growth failure due to	Genentech, Inc.
TN= Nutropin Depot	a lack of adequate endogenous growth hormone secretion.	1 DNA Way
		South San Francisco, CA 94080
		DD=10/28/1999 MA=12/22/1999
Somatropin [rDNA]	Treatment of short stature in patients with Prader-Willi	Pharmacia & Upjohn
TN= Genotropin	syndrome.	7000 Portage Rd.
		0633-298-113
		Kalamazoo, MI 49001
		DD=07/06/1999 MA= / /
Somatropin for injection	For the long-term treatment of children who have growth failure	Eli Lilly and Company
TN= Humatrope	due to inadequate secretion of normal endogenous growth	Lilly Corporate Center
	hormone.	Indianapolis, IN 46285
		DD=06/12/1986 MA=03/08/1987
Somatropin for injection	Treatment of short stature associated with Turner's syndrome.	Genentech, Inc.
TN= Nutropin		460 Point San Bruno Boulevard
		South San Francisco, CA 94080
		DD=03/23/1989 MA=12/30/1996

NAME Generic Name TN=Trade Name	Through December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Somatropin for injection TN= Nutropin	Treatment of growth retardation associated with chronic renal failure.	Genentech, Inc. 460 Point San Bruno Boulevard South San Francisco, CA 94080 DD=08/04/1989 MA=11/17/1993
Somatropin for injection TN= Serostim	Treatment of AIDS-associated catabolism/weight loss.	Serono Laboratories, Inc. 100 Longwater Circle Norwell, MA 02061 DD=11/15/1991 MA=08/23/1996
Somatropin for injection TN= Nutropin	As replacement therapy for growth hormone deficiency in adults after epiphyseal closure.	Genentech, Inc. 460 Point San Bruno Boulevard South San Francisco, CA 94080 DD=11/18/1996 MA=12/15/1997
Sotalol HCl TN= Betapace	Treatment of life-threatening ventricular tachyarrhythmias.	Berlex Laboratories, Inc. 300 Fairfield Road Wayne, NJ 07470 DD=09/23/1988 MA=10/30/1992
Sotalol HCl TN= Betapace	Prevention of life threatening ventricular tachyarrhythmias.	Berlex Laboratories, Inc. 300 Fairfield Road Wayne, NJ 07470 DD=09/23/1988 MA= / /
Sterile talc TN= Steritalc	Treatment of malignant pleural effusion.	Novatech SA Avenue du Vent des Dames - Z.l. les Paluds 13685 Aubagne France, DD=12/08/1997 MA= / /
Sterile talc TN= Steritalc	Treatment of pneumothorax.	Novatech SA Avenue du Vent des Dames - Z.l. les Paluds 13685 Aubagne France, DD=12/08/1997 MA= / /
Sterile talc powder TN= Sclerosol Intrapleural Aerosol	Treatment of malignant pleural effusion.	Bryan Corporation 4 Plympton Street Woburn, MA 01801 DD=09/18/1995 MA=12/24/1997
Succimer TN= Chemet capsules	Treatment of lead poisoning in children.	Bock Pharmacal Company P.O. Box 419056 Saint Louis, MO 63141 DD=05/09/1984 MA=01/30/1991
Succimer TN= Chemet	Prevention of cystine kidney stone formation in patients with homozygous cystinuria who are prone to stone development.	Sanofi Winthrop, Inc. 90 Park Avenue New York, NY 10016 DD=11/05/1990 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Succimer TN= Chemet	Treatment of mercury intoxication.	Sanofi Winthrop, Inc. 90 Park Avenue New York, NY 10016 DD=03/22/1991 MA= / /
Sucralfate suspension TN=	Treatment of oral complications of chemotherapy in bone marrow transplant patients.	Darby Pharmaceuticals, Inc. 100 Banks Avenue Rockville Centre, NY 11570 DD=03/12/1990 MA= / /
Sucralfate suspension TN=	Treatment of oral ulcerations and dysphagia in patients with epidermolysis bullosa.	Darby Pharmaceuticals, Inc. 100 Banks Avenue Rockville Centre, NY 11570 DD=03/04/1991 MA= / /
Sulfadiazine TN=	For use in combination with pyrimethamine for the treatment of Toxoplasma gondii encephalitis in patients with and without AIDS.	Eon Labs Manufacturing, Inc. 227-15 North Conduit Avenue Laurelton, NY 11413 DD=03/14/1994 MA=07/29/1994
Sulfapyridine TN=	Treatment of dermatitis herpetiformis.	Jacobus Pharmaceutical Company 37 Cleveland Lane P.O. Box 5290 Princeton, NJ 08540 DD=09/10/1990 MA= / /
Superoxide dismutase (human) TN=	For protection of donor organ tissue from damage or injury mediated by oxygen-derived free radicals that are generated during the necessary periods of ischemia (hypoxia, anoxia), and especially reperfusion, associated with the operative procedure.	Pharmacia-Chiron Partnership 4560 Horton Street Emeryville, CA 94608 DD=03/06/1985 MA= / /
Superoxide dismutase (recombinant human) TN= Oxsodrol	Prevention of reperfusion injury to donor organ tissue.	Bio-Technology General Corp. 70 Wood Avenue, South Iselin, NJ 08830 DD=05/17/1988 MA= / /
Suramin TN= Metaret	Treatment of hormone-refractory prostate cancer.	Warner-Lambert Company Parke-Davis Pharmaceutical Research Division 2800 Plymouth Road Ann Arbor, MI 48105 DD=05/06/1997 MA= / /
Surface active extract of saline lavage of bovine lungs TN= Infasurf	Treatment and prevention of respiratory failure due to pulmonary surfactant deficiency in preterm infants.	ONY, Inc. 1576 Sweet Home Road Amherst, NY 14228 DD=06/07/1985 MA= / /
Synsorb Pk TN=	Treatment of verocytotoxogenic E. coli infections.	Synsorb Biotech Inc. 201, 1204 Kensington Road, N.W. Calgary, Alberta Canada T2N 3P5, DD=07/17/1995 MA= / /

	Through December 31, 1999	
NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Synthetic human secretin TN=	For use in the evaluation of exocrine pancreas function.	ChiRhoClin, Inc. 1550 Gallaudet Ave. Silver Spring, MD 20905 DD=06/16/1999 MA= / /
Synthetic human secretin TN=	For use in obtaining desquamated pancreatic cells for cytopathologic examination in pancreatic carcinoma.	ChiRhoClin, Inc. 15500 Gallaudet Ave. Silver Spring, MD 20905 DD=06/16/1999 MA= //
Synthetic human secretin TN=	For use in the diagnosis of gastrinoma associated with Zollinger-Ellison syndrome.	ChiRhoClin, Inc. 15500 Gallaudet Ave. Silver Spring, MD 20905 DD=06/16/1999 MA= //
Synthetic porcine secretin TN=	For use in the evaluation of exocrine pancreas function.	ChiRhoClin, Inc. 15500 Gallaudet Ave. Silver Spring, MD 20905 DD=06/18/1999 MA= //
Synthetic porcine secretin TN=	For use in obtaining desquamated pancreatic cells for cytopathologic examination in pancreatic carcinoma.	ChiRhoClin, Inc. 15500 Gallaudet Ave. Silver Spring, MD 20905 DD=06/18/1999 MA= //
Synthetic porcine secretin TN=	For use in the diagnosis of gastrinoma associated with Zollinger-Ellison syndrome.	ChiRhoClin, Inc. 15500 Gallaudet Ave. Silver Spring, MD 20905 DD=06/18/1999 MA= //
T4 endonuclease V, liposome encapsulated TN=	To prevent cutaneous neoplasms and other skin abnormalities in xeroderma pigmentosum.	AGI Dermatics 205 Buffalo Avenue Freeport, NY 11520 DD=06/27/1989 MA= //
Tacrolimus TN= Prograf	Prophylaxis of graft-versus-host-disease.	Fujisawa USA, Inc. 3 Parkway North Center Deerfield, IL 60015 DD=04/06/1998 MA= / /
Technetium Tc99m murine monoclonal antibody (IgG2a) to B cell TN= LymphoScan	Diagnostic imaging in the evaluation of the extent of disease in patients with histologically confirmed diagnosis of non-Hodgkin's B-cell lymphoma, acute B-cell lymphoblastic leukemia (in children and adults), and chronic B-cell lymphocytic leukemia.	Immunomedics, Inc. 300 American Road Morris Plains, NJ 07950 DD=04/07/1992 MA= / /
Technetium Tc99m murine monoclonal antibody to hCG TN= Immuraid, hCG-Tc-99m	Detection of hCG producing tumors such as germ cell and trophoblastic cell tumors.	Immunomedics, Inc. 300 American Road Morris Plains, NJ 07950 DD=08/07/1989 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Technetium Tc99m murine	Detection of alpha-fetoprotein producing germ cell tumors.	Immunomedics, Inc.
monoclonal antibody to human		300 American Road
AFP		Morris Plains, NJ 07950
ΓN= AFP-Scan		DD=08/01/1989 MA= / /
Fechnetium Tc99m murine	Detection of hepatocellular carcinoma and hepatoblastoma.	Immunomedics, Inc.
nonoclonal antibody to human		300 American Road
lpha-fetoprotein		Morris Plains, NJ 07950
ΓN= Immuraid, AFP-Scan		DD=08/01/1989 MA= / /
Temoporfin	Palliative treatment of recurrent, refractory or second primary	Scotia Pharmaceuticals Ltd.
rN= Foscan	squamous cell carcinomas of the head and neck in patients	Scotia House, Castle Business Park
	considered to be incurable with surgery or radiotherapy.	Stirling
		Scotland FK9 4TZ, GB
		DD=10/28/1999 MA= / /
Temozolomide	Treatment of recurrent malignant glioma.	Schering-Plough Research Institute
ΓN= Temodar		2000 Galloping Hill Rd.
<del></del>		Kenilworth, NJ 07033
		DD=10/05/1998 MA=08/11/1999
Геmozolomide	Treatment of advanced metastatic melanoma.	Schering-Plough Research Institute
TN= Temodal		2000 Galloping Hill Rd.
Tive Temodal		Kenilworth, NJ 07033
		DD=10/14/1998 MA= / /
Teniposide	Treatment of refractory childhood acute lymphocytic leukemia.	Bristol-Myers Squibb Pharmaceutical
TN= Vumon for injection	**************************************	Research Institute
The various for ingestion		5 Research Parkway
		P.O. Box 5100
		Wallingford, CT 06492
		DD=11/01/1984 MA=07/14/1992
Teriparatide	Diagnostic agent to assist in establishing the diagnosis in	Rhone-Poulenc Rorer Pharmaceuticals, Inc.
TN= Parathar	patients presenting with clinical and laboratory evidence of	500 Arcola Road
	hypocalcemia due to either hypoparathyroidism or	Collegeville, PA 19426
	pseudohypoparathyroidism.	DD=01/09/1987 MA=12/23/1987
Teriparatide	Treatment of idiopathic osteoporosis.	Henri Beaufour Institute USA, Inc.
TN= Parathar		27 Maple St.
A WAS SOURCESSED.		Milford, MA 01757
		DD=10/28/1999 MA= / /
Terlipressin	Treatment of bleeding esophageal varices.	Ferring Laboratories, Inc.
TN= Glypressin		400 Rella Boulevard, Suite 201
in Oryprobom		Suffern, NY 10901
		DD=03/06/1986 MA= / /
Testosterone	Treatment of weight loss in AIDS patients with HIV-associated	Unimed Pharmaceuticals, Inc.
TN= Androgel	wasting.	2150 East Lake Cook Road
		Buffalo Grove, IL 60089
		DD=02/05/1996 MA= / /

NAME Generic Name TN=Trade Name	Through December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Testosterone TN= TheraDerm Testosterone Transdermal System	For use as physiologic testosterone replacement in androgen deficient HIV+ patients with an associated weight loss.	TheraTech, Inc. 417 Wakara Way Salt Lake City, UT 84108 DD=09/22/1997 MA= / /
Testosterone propionate ointment 2% TN=	Treatment of vulvar dystrophies.	Star Pharmaceuticals, Inc. 1990 N.W. 44th Street Pompano Beach, FL 33064 DD=07/31/1991 MA= //
Testosterone sublingual TN=	Treatment of constitutional delay of growth and puberty in boys.	Bio-Technology General Corp. 70 Wood Avenue, South Iselin, NJ 08830 DD=01/16/1991 MA= / /
Tetrabenazine TN=	Treatment of Huntington's disease.	Lifehealth Limited Richmond House, Old Brewery Court, Sandyford Road Newcastle upon Tyne NE2 1XG England, UK, DD=12/11/1997 MA= / /
Tetrabenazine TN=	Treatment of moderate/severe tardive dyskinesia.	Lifehealth Limited Richmond House, Old Brewery Court, Sandyford Road Newcastle upon Tyne NE2 1XG England, DD=05/12/1998 MA= / /
Thalidomide TN=	Treatment of graft versus host disease in patients receiving bone marrow transplantation.	Pediatric Pharmaceuticals, Inc. 718 Bradford Avenue Westfield, NJ 07090 DD=09/19/1988 MA= / /
Thalidomide TN=	Prevention of graft versus host disease in patients receiving bone marrow transplantation.	Pediatric Pharmaceuticals, Inc. 718 Bradford Avenue Westfield, NJ 07090 DD=09/19/1988 MA= / /
Thalidomide TN=	Treatment and maintenance of reactional lepromatous leprosy.	Pediatric Pharmaceuticals, Inc. 718 Bradford Avenue Westfield, NJ 07090 DD=11/15/1988 MA= / /
Thalidomide TN=	Treatment of graft versus host disease.	Andrulis Research Corporation 11800 Baltimore Avenue, Suite 113 Beltsville, MD 20705 DD=03/05/1990 MA= //
Thalidomide TN=	Prevention of graft versus host disease.	Andrulis Research Corporation 11800 Baltimore Avenue, Suite 113 Beltsville, MD 20705 DD=03/05/1990 MA= / /

NAME Generic Name TN=Trade Name	Through December 31, 1999  INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Thalidomide	Treatment of the clinical manifestations of mycobacterial	Celgene Corporation
	infection caused by Mycobacterium tuberculosis and	P.O. Box 4914
TN=	non-tuberculous mycobacteria.	7 Powder Horn Drive
	non-tuberculous inycobacteria.	Warren, NJ 07059
		DD=01/12/1993 MA= / /
Thalidomide	Treatment of severe recurrent aphthous stomatitis in severely,	Celgene Corporation
TN=	terminally immunocompromised patients.	P.O. Box 4914
	•	7 Powder Horn Srive
	·	Warren, NJ 07059
		DD=05/01/1995 MA= / /
Thalidomide	Treatment and prevention of recurrent aphthous ulcers in	Andrulis Research Corporation
TN=	severely, terminally immunocompromised patients.	11800 Baltimore Avenue, Suite 113
		Beltsville, MD 20705
		DD=05/15/1995 MA= / /
Thalidomide	Treatment of erythema nodosum leprosum.	Celgene Corporation
TN= Thalomid		P.O. Box 4914
		7 Powder Horn Drive
		Warren, NJ 07059
		DD=07/26/1995 MA=07/16/1998
Thalidomide	Treatment of HIV-associated wasting syndrome.	Celgene Corporation
TN= Synovir		P.O. Box 4914
		7 Powder Horn Drive
		Warren, NJ 07059
	and the state of the control of the state of	DD=03/11/1996 MA= / /
Thalidomide	Treatment of primary brain malignancies.	Celgene Corporation
TN=		7 Powder Horn Dr.
		Warren, NJ 07059
		DD=02/27/1998 MA= / /
Thalidomide	Treatment of Kaposi's sarcoma.	Celgene Corporation
TN=		7 Powder Horn Dr.
		Warren, NJ 07059
		DD=07/29/1998 MA= / /
Thalidomide	Treatment of multiple myeloma.	Celgene Corporation
TN= Thalomid		7 Powder Horn Dr.
		Warren, NJ 07059
		DD=10/14/1998 MA= / /
Thalidomide	Treatment of Crohn's disease.	Celgene Corporation
TN= Thalomid		7 Powder Horn Dr.
		Warren, NJ 07059
		DD=04/06/1999 MA= / /
Thymalfasin	Treatment of chronic active hepatitis B.	SciClone Pharmaceuticals, Inc.
TN= Zadaxin		901 Mariner's Island Blvd.
		San Mateo, CA 94404
		DD=05/03/1991 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Thymalfasin TN= Zadaxin	Treatment of DiGeorge anomaly with immune defects.	SciClone Pharmaceuticals, Inc. 901 Mariner's Island Blvd. San Mateo, CA 94404 DD=01/08/1998 MA= / /
Thyrotropin alpha TN= Thyrogen	As an adjunct in the diagnosis of thyroid cancer.	Genzyme Corporation One Kendall Square Cambridge, MA 02139 DD=02/24/1992 MA=11/30/1998
Tiapride TN=	Treatment of Tourette's syndrome.	Sanofi-Synthelabo, Inc. 9 Great Valley Parkway PO Box 3026 Malvern, PA 19355 DD=04/21/1998 MA= / /
Tiopronin TN= Thiola	Prevention of cystine nephrolithiasis in patients with homozygous cystinuria.	Pak, Charles Y.C. M.D. The University of Texas Health Scienc Center at Dallas 5323 Harry Hines Boulevard Dallas, TX 75235 DD=01/17/1986 MA=08/11/1988
Tiratricol TN= Triacana	For use in combination with levo-thyroxine to suppress thyroid stimulating hormone in patients with well-differentiated thyroid cancer who are intolerant to adequate doses of levo-thyroxine alone.	Laphal Laboratoires 48 Bis, Rue des Belles-Feuilles 75116 Paris France, FR DD=08/13/1991 MA= / /
Tizanidine HCl TN= Zanaflex	Treatment of spasticity associated with multiple sclerosis and spinal cord injury.	Athena Neurosciences, Inc. 800 Gateway Boulevard South San Francisco, CA 94080 DD=01/31/1994 MA= / /
Tobramycin TN= Tobi	Treatment of bronchiectasis patients infected with Pseudomonas aeruginosa.	PathoGenesis Corporation 201 Elliott Avenue West Suite 150 Seattle, WA 98119 DD=06/18/1999 MA= / /
Tobramycin for inhalation TN= TOBI	Treatment of bronchopulmonary infections of Pseudomonas aeruginosa in cystic fibrosis patients.	Pathogenesis Corporation 201 Elliott Avenue West, Suite 150 Seattle, WA 98119 DD=10/13/1994 MA=12/22/1997
Topiramate TN= Topamax	Treatment of Lennox-Gastaut syndrome.	R. W. Johnson Pharmaceutical Research Institute Route 202, P.O. Box 300 Raritan, NJ 08869 DD=11/25/1992 MA= //

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Toremifene	Hormonal therapy of metastatic carcinoma of the breast.	Orion Corporation
TN= Fareston		P.O. Box 65
The Pareston	•	02101 ESPOO
		Finland,
		DD=09/19/1991 MA=05/29/1997
Toremifene	Treatment of desmoid tumors.	Orion Corporation
TN=		P.O. Box 65
		02101 Espoo
		Finland,
		DD=08/17/1993 MA= / /
Tositumomab and iodine I 131	Treatment of non-Hodgkin's B-cell lymphoma.	Coulter Pharmaceutical, Inc.
tositumomab		550 California Avenue
TN= Bexxar		Suite 200
		Palo Alto, CA 94306
		DD=05/16/1994 MA= / /
Transforming growth	Treatment of full thickness macular holes.	Celtrix Pharmaceuticals, Inc.
factor-beta 2		3055 Patrick Henry Drive
TN=		Santa Clara, CA 95054
		DD=12/18/1992 MA= / /
Transgenic human alpha 1	Treatment of cystic fibrosis.	PPL Therapeutics (Scotland) Limited
	Treament of cystic norosis.	Roslin, Edinburgh
antitrypsin		EH25 9PP Scotland, GB
TN=		DD=03/06/1998 MA= / /
Transgenic human alpha 1	Treatment of emphysema secondary to alpha 1 antitrypsin	PPL Therapeutics (Scotland) Limited
antitrypsin	deficiency.	Roslin, Edinburgh
* *	deficiency.	EH25 9PP Scotland, GB
TN=		DD=05/19/1999 MA= / /
Trastuzumab	Treatment of patients with pancreatic cancer that overexpress	Genentech, Inc.
TN= Herceptin	p185HER2.	1 DNA Way
114 Hereopeni		South San Francisco, CA 94080
		DD=12/14/1999 MA= / /
Treosulfan	Treatment of ovarian cancer.	Medac GmbH
TN= Ovastat		Fehlandtstrasse 3
Tiv Ovustat		D-20354 Hamburg
		Germany,
		DD=05/16/1994 MA= / /
Tretinoin	Treatment of squamous metaplasia of the ocular surface	Hannan Ophthalmic Marketing Services, Inc
TN=	epithelia (conjunctiva and/or cornea) with mucous deficiency	34 Sherrill Rd.
	and keratinization.	Marshfield, MA 02050
		DD=04/15/1985 MA= / /
Tretinoin	Treatment of acute promyelocytic leukemia.	Hoffmann-La Roche, Inc.
TN= Vesanoid		340 Kingsland Street
111 Comioid		Nutley, NJ 07110
		DD=10/24/1990 MA=11/22/1995

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Tretinoin	Treatment of acute and chronic leukemia.	Aronex Pharmaceuticals, Inc.
TN= Atragen		8707 Technology Forest Place
Artenia de la companya della companya della companya de la companya de la companya della company	and the control of th	The Woodlands, TX 77381
		DD=01/14/1993 MA= / /
Trientine HCl	Treatment of patients with Wilson's disease who are intolerant,	Merck Sharp & Dohme Research
TN= Syprine	or inadequately responsive to penicillamine.	Division Of Merck And Company
		West Point, PA 19486
		DD=12/24/1984 MA=11/08/1985
Trimetrexate glucuronate	Treatment of metastatic carcinoma of the head and neck (i.e.	U.S. Bioscience, Inc.
TN=	buccal cavity, pharynx, and larynx).	One Tower Bridge
		100 Front Street
		West Conshohocken, PA 19428
		DD=07/25/1985 MA= / /
Trimetrexate glucuronate	Treatment of metastatic colorectal adenocarcinoma.	U.S. Bioscience, Inc.
TN=		One Tower Bridge
		100 Front Street
		West Conshohocken, PA 19428
		DD=07/25/1985 MA= / /
Trimetrexate glucuronate	Treatment of pancreatic adenocarcinoma.	U.S. Bioscience, Inc.
TN=	•	One Tower Bridge
		100 Front Street
		West Conshohocken, PA 19428
		DD=07/25/1985 MA= / /
Trimetrexate glucuronate	Treatment of Pneumocystis carinii pneumonia in AIDS patients.	U.S. Bioscience, Inc.
TN= Neutrexin		One Tower Bridge
		100 Front Street
		West Conshohocken, PA 19428
		DD=05/15/1986 MA=12/17/199
Trimetrexate glucuronate	Treatment of patients with advanced non-small cell carcinoma	U.S. Bioscience, Inc.
TN=	of the lung.	One Tower Bridge
		100 Front Street
and the second of the second o	en e	West Conshohocken, PA 19428
•		DD=01/13/1988 MA= / /
Trisaccharides A and B	Treatment of moderate to severe clinical forms of hemolytic	Chembiomed, Ltd.
TN= Biosynject	disease of the newborn arising from placental transfer of	P.O. Box 8050, Station F
	antibodies against blood group substances A and B.	Edmonton, Alberta
		Canada T6H 4NP,
		DD=04/12/1987 MA= / /
Trisaccharides A and B	For use in ABO-incompatible solid organ transplantation,	Chembiomed, Ltd.
TN= Biosynject	including kidney, heart, liver and pancreas.	P.O. Box 8050, Station F
		Edmonton, Alberta
		Canada T6H 4NP,
		DD=04/20/1987 MA= / /

Through December 31, 1999 SPONSOR & ADDRESS

NAME DD=Date Designated Generic Name INDICATION DESIGNATED TN=Trade Name MA=Marketing Approval Chembiomed, Ltd. Prevention of ABO medical hemolytic reactions arising from Trisaccharides A and B P.O. Box 8050, Station F ABO-incompatible bone marrow transplantation. TN= Biosynject Edmonton, Alberta Canada T6H 4NP, DD=04/15/1988 MA= / / Hemotec Medical Products, Inc. For use in leukapheresis procedures. Trisodium citrate concentration Box 19255 TN= Hemocitrate Johnston, RI 02919 DD=06/15/1995 MA= / / Treatment of severe steroid-requiring asthma. Szefler, Stanley M. M.D. Troleandomycin National Jewish Center for Immunology and TN=Respiratory Medicine 1400 Jackson Street Denver, CO 80206 DD=09/21/1989 MA= / / Serono Laboratories, Inc. Treatment of symptomatic patients with AIDS including all Tumor necrosis factor-binding 100 Longwater Circle patients with CD4 counts less than 200 cells per mm3. protein 1 Norwell, MA 02061 TN=DD=01/06/1993 MA= / / Serono Laboratories, Inc. Treatment of symptomatic patients with the AIDS including all Tumor necrosis factor-binding 100 Longwater Circle patients with CD4 T-cell counts less than 200 cells per mm3. protein II Norwell, MA 02061 TN=DD=01/06/1993 MA= / / Kennedy & Hoidal, M.D.'s Treatment of cystic fibrosis. Tyloxapol University of Utah Health Sciences Center TN= 50 North Medical Drive, Room 4R240 Salt Lake City, UT 84132 DD=03/08/1995 MA= / / Gel-Tec, Division of Tishcon Corp. Treatment of mitochondrial cytopathies. Ubiquinone 30 New York Ave. TN= Ubiqgel PO Box 331 Westbury, NY 11590 DD=12/14/1999 MA= / / Inspire Pharmaceuticals, Inc. Treatment of cystic fibrosis. Uridine 5'-triphosphate

4222 Emperor Boulevard, Suite 470 TN=Durham, NC 27703

Inspire Pharmaceuticals, Inc. To facilitate the removal of lung secretions in the treatment of Uridine 5'-triphosphate 4222 Emperor Boulevard, Suite 470 patients with primary ciliary dyskinesia. TN= Durham, NC 27703 DD=06/26/1996 MA= / /

DD=12/04/1995 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Urofollitropin TN= Metrodin	For induction of ovulation in patients with polycystic ovarian disease who have an elevated LH/FSH ratio and who have failed to respond to adequate clomiphene citrate therapy.	Serono Laboratories, Inc. 100 Longwater Circle Norwell, MA 02061 DD=11/25/1987 MA=09/18/1986
Urofollitropin TN= Fertinex	For the initiation and re-initiation of spermatogenesis in adult males with reproductive failure due to hypothalamic or pituitary dysfunction, hypogonadotropic hypogonadism.	Serono Laboratories, Inc. 100 Longwater Circle Norwell, MA 02061 DD=12/05/1997 MA= / /
Urogastrone TN=	For acceleration of corneal epithelial regeneration and healing of stromal incisions from corneal transplant surgery.	Chiron Vision 500 Iolab Drive Claremont, CA 91711 DD=11/01/1984 MA= / /
Ursodiol TN= URSO	Treatment of patients with primary biliary cirrhosis.	Axcan Pharma Inc. 3881, Industriel boulevard Laval, Quebec H7L 4S3 Canada, DD=06/20/1991 MA=12/10/1997
Valine, isoleucine and leucine TN= VII.	Treatment of hyperphenylalaninemia.	Leas Research Products 78 Fallon Drive North Haven, CT 06473 DD=01/05/1996 MA= / /
Valrubicin TN= Valstar	Treatment of carcinoma in situ of the urinary bladder.	Anthra Pharmaceuticals, Inc. 103 Carnegie Center, Suite 102 Princeton, NJ 08540 DD=05/23/1994 MA=09/25/1998
Vasoactive intestinal polypeptide TN=	Treatment of acute esophageal food impaction.	Research Triangle Pharmaceuticals 4364 South Alston Avenue Durham, NC 27713 DD=06/23/1993 MA= //
Xenogeneic hepatocytes TN= HepatAssist Liver Assist System	Treatment of severe liver failure.	Circe Biomedical, Inc. 99 Hayden Ave. Lexington, MA 02421 DD=11/27/1998 MA= / /
Yttrium-90 radiolabeled humanized monoclonal anti-carcinoembroyonic antigen IgG antibody TN= Cea-Cide	Treatment of ovarian carcinoma.	Immunomedics, Inc. 300 American Rd. Morris Plains, NJ 07950 DD=08/03/1999 MA= / /
Zalcitabine TN=	Treatment of AIDS.	National Cancer Institute, DCT NIH, Executive Plaza North, Room 7-18 Bethesda, MD 20892 DD=12/09/1986 MA= / /

NAME Generic Name TN=Trade Name	INDICATION DESIGNATED	SPONSOR & ADDRESS DD=Date Designated MA=Marketing Approval
Zalcitabine TN= Hivid	Treatment of AIDS.	Hoffmann-La Roche, Inc. 340 Kingsland Street Nutley, NJ 07110 DD=06/28/1988 MA=06/19/1992
Zidovudine TN= Retrovir	Treatment of AIDS related complex.	Glaxo Wellcome Inc. 5 Moore Drive Research Triangle Park, NC 27709 DD=05/12/1987 MA=03/19/1987
Zidovudine TN= Retrovir	Treatment of AIDS.	Glaxo Wellcome Inc. 5 Moore Drive Research Triangle Park, NC 27709 DD=07/17/1985 MA=03/19/1987
Zinc acetate TN= Galzin	Treatment of Wilson's disease.	Lemmon Company 1510 Delp Drive Kulpsville, PA 19443 DD=11/06/1985 MA=01/28/1997
pVGI.1(VEGF2) TN=	Treatment of thromboangiitis obliterans.	Vascular Genetics, Inc. 200 Westpark Corporate Center 4364 South Alston Ave. Durham, NC 27713 DD=11/09/1999 MA= / /